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Issue Date: Jan 2020
Project No.: 1616



EcoPark Operation

Quarterly Environmental Monitoring & Audit Report (October – December 2019)

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EXECUTIVE SUMMARY

General

EcoPark is a key element in the Government's waste management policy that aims at promoting the local recycling industry by providing long-term land at affordable rents, thereby encouraging investment in advanced technology and value-added recycling processes. EcoPark is being developed in two phases at site in Tuen Mun Area 38 as shown in **Figure 1-1**. The contract for the management of EcoPark – Contract No. *EP/SP/102/17 Provision of Management Services for EcoPark 2018* was awarded to Urban Property Management Limited (UPML) by Environmental Protection Department (EPD) effective from 30th October 2018.

UPML, the “Operator” of EcoPark, have appointed Allied Environmental Consultants Ltd. (AEC) as the Environmental Team (ET) to carry out the Environmental Monitoring and Audit (EM&A) works for the operation of EcoPark as required by the EM&A Manual and in accordance with the conditions of the Environmental Permit (EP) (EP-226/2005/F).

This is the fifty-first (51st) quarterly EM&A report prepared for the operation phase of EcoPark and covers the quarter from October to December 2019. In the reporting quarter, there were twelve tenants in EcoPark Phase 1 and Phase 2, one operator of Lot T7 in EcoPark Phase 1 and one operator of WEEE.PARK in EcoPark Phase 2. The details are provided as below:

Phase 1 tenants and operator comprise:

- Champway Technology Ltd. (Champway) – Waste cooking oil
- 3R Hong Kong International Eco-Pioneer Ltd. (3R) – Waste plastics
- Hong Kong Biomass (Wood) Collect and Recycle Co. Ltd. (HK Biomass) – Waste wood
- Baguio Waste Management & Recycling Ltd. (Baguio) – Waste plastics
- HP Telford Envirotech Group Ltd. (HP Telford) – Waste plastics
- Food Waste Management Group (FWMG) of EPD – Waste wood

Phase 2 tenants and operator comprise:

- K.Wah Construction Products Ltd. (K.Wah) – Waste construction materials/waste glass
- E. Tech Management (HK) Ltd. (E. Tech) – WEEE
- On Fat Lung Innovative Resources Ltd. (On Fat Lung) – Waste rubber tyres
- Chung Yue Steel Group Company Ltd. (Chung Yue) – Waste metals
- Hong Kong Battery Recycling Centre Ltd. (HKBRC) – Waste lead-acid batteries
- South China Reborn Resources (Zhongshan) Co. Ltd. (South China) – Food waste
- WEEE.PARK operated by Alba Integrated Waste Solutions (Hong Kong) Ltd. (Alba IWS) – WEEE
- Rocsky International Ltd. (Rocsky) – Waste Paper

Recycling activities of WEEE.PARK in Lots P2-P4, FWMG of EPD in Lot T7 and the following eight active tenants were audited in the reporting quarter: Champway, HK Biomass, HP Telford, K. Wah, E. Tech, On Fat Lung, Chung Yue and South China. The lots possessed by HKBRC (i.e. Lots P9 & P10), 3R (i.e. Lots T2 & T3), Baguio (i.e. Lot T6) and Rocsky (i.e. Lots P1, P5, P6 and P7) were inspected but not audited under the EM&A programme during the reporting quarter, as no recycling activities were conducted.

In this reporting quarter, site inspections were conducted by the Operator and the ET on 22nd October, 19th November and 23rd December 2019. IEC also carried out random site audits on 22nd October and 23rd December 2019. A quarterly joint site inspection was carried out by the Operator, the IEC and the ET on 19th November 2019.

Throughput of Materials / Waste Generated

The throughputs of WEEE.PARK and the eight active tenants in the reporting quarter are summarised below. Please note that product output plus waste disposal does not necessarily equal the waste input, due to material losses during processing and material retained within the lots.

Material Type	Waste Input (tonne)	Product Output ⁽⁴⁾ (tonne)	Waste Disposed ⁽⁴⁾ (tonne)
Waste Organic Food	649	768	56
Waste Ferrous Metals	22,938	23,540	145
Waste Wood	199	68	-
Waste Electronics	3,829	3,372	441
Waste Plastics	571	610	-
Construction Waste	327	10,008	14
Waste Glass	763		
Waste Rubber Tyres	n/a	n/a	n/a

Notes:

- 1) The throughput data presented above is the best available data and has been rounded off to the nearest whole tonne for presentation.
- 2) The total product output may not be the same as the waste input due to processing of materials that were received before the reporting quarter and were stored within the lots.
- 3) Waste disposal refers to the disposal of general refuse (i.e. packaging) and/or chemical waste.
- 4) Since the recycling of waste glass and construction waste is combined to produce concrete block at K.Wah, the product output and waste disposal from both processes are combined.
- 5) “-” in the column of waste disposal denotes zero quantity; while “n/a” denotes unavailable information.

Exceedances of Any Measured Action / Limit Levels

The northern part of EcoPark is located within the 250m Landfill Gas (LFG) Consultation Zone of Shiu Lang Shui Landfill. LFG monitoring during this quarter was undertaken on 23rd December 2019 at four locations (two in Phase 1 and two in Phase 2) and on 30th December 2019 at one location (one in Phase 1). Owing to equipment problem, the monitoring at station EP1-2 could not be conducted on 23rd December 2019 and postponed to 30th December 2019. No exceedance of Action or Limit Level was recorded in the reporting quarter.

Summary of Complaints, Summons and Prosecutions

Number of complaints, summons and successful prosecutions in the reporting quarter are summarised below.

- **Complaints:** Zero.
- **Summons:** Zero.
- **Successful Prosecutions:** Zero

Reporting Changes

There is no change in the reporting quarter.

Future Key Issues

No key issues are anticipated in the next reporting quarter.

1 PROJECT BACKGROUND

1.1 Project Overview

- 1.1.1 In the document "A Policy Framework for the Management of Municipal Solid Waste (2005 –2014)", the government set out a comprehensive policy to support the recycling industry. This included allocating suitable land, encouraging research and development, introducing environmental legislation and providing effective support measures. In May 2013, the Environment Bureau launched “Hong Kong Blueprint for Sustainable Use of Resources 2013 – 2022”, which promised continuing support for the recycling industry.
- 1.1.2 EcoPark was developed to support the local recycling industry by providing long-term land at affordable rents, thereby encouraging investment in advanced technology and value-added recycling processes.
- 1.1.3 EcoPark, as shown in **Figure 1-1**, has been developed in Tuen Mun Area 38 in two phases (Phase 1 and Phase 2) under Contract *EP/SP/52/06 Development of EcoPark in Tuen Mun Area 38*, which was awarded to Kaden Construction Ltd by the Environmental Protection Department (EPD) in June 2006. Phase 1 construction was completed in July 2009 and Phase 2 construction was completed in November 2010.
- 1.1.4 The contract for the management of EcoPark – Contract No. *EP/SP/102/17 Provision of Management Services for EcoPark 2018* was awarded to Urban Property Management Limited (UPML) by Environmental Protection Department (EPD) effective from 30th October 2018.
- 1.1.5 UPML, the “Operator” of EcoPark, has appointed Allied Environmental Consultants Ltd. (AEC) as the Environmental Team (ET) to carry out the Environmental Monitoring and Audit (EM&A) works for the operation of EcoPark as required by the EM&A Manual and in accordance with the conditions of the Environmental Permit (EP-226/2005/F). Ove Arup & Partners Hong Kong Ltd. (Arup) has been appointed by the EPD as the Independent Environmental Checker (IEC) for the Project. The ET and the IEC carry out the EM&A works for EcoPark as required by the EM&A Manual and in accordance with the conditions of the Environmental Permit (EP).

1.2 Operation Programme

- 1.2.1 In the reporting period, there were twelve tenants in EcoPark, one operator of Lot T7 and one operator of WEEE.PARK:
- Eight active tenants (Champway, HK Biomass, HP Telford, Chung Yue, K.Wah, South China, E. Tech and On Fat Lung) who have carried out full recycling operations;
 - Waste Management Policy Group (WMG) of EPD has taken possession of Lots P2, P3, P4 and handed over to Alba Integrated Waste Solutions (Hong Kong) Ltd. (Alba IWS) to carry out operation of WEEE.PARK;
 - Food Waste Management Group (FWMG) of EPD has taken possession of Lot T7 for temporary storage of wood chip and waste trees handling;

- One tenant (HKBRC) completed plant construction for 1st Phase of its plant in May 2019 and underwent machinery testing on 16 Sep 2019 and 24 Sep 2019;
- One tenant (Baguio) is carrying out foundation and building works but without any site operation;
- One tenant (3R) completed ground investigation works on 27 Sep 2019; and
- One tenant (Rocsky) is under pre-construction works but without any site operation.

1.3 Project Organisation and Contact Personnel

1.3.1 Key personnel and contact particulars are summarised in **Table 1.1**.

Table 1.1 EM&A Personnel Contact Details

Position	Name	Email Address	Phone No.
<i>Project Proponent – EPD</i>			
Principal EPO	Mr. Gary C. W. Tam	garytam@epd.gov.hk	3690 7860
<i>Operator – UPML</i>			
Project Manager	Ms. Raindy YIP	raindy.py.yip@urban.com.hk	2212 5900
Park Manager	Ms. May WU	may.sm.wu@urban.com.hk	2212 5920
<i>IEC – Ove Arup</i>			
IEC	Mr. Sam TSOI	sam.tsoi@arup.com	2268 3208
<i>ET – AEC</i>			
ET Leader	Ir. Dr. James WONG	jw@aechk.com	2815 7028

1.3.2 The organisational structure and lines of communication for the operation of EcoPark with respect to environmental management is given in **Figure 1-2** and **Figure 1-3** respectively.

Figure 1-1 Location of EcoPark in Tuen Mun Area 38



Site Boundary



Phase 1 Tenants



Phase 2 Tenants

Figure 1-2 Organisation Chart of UPML

Urban Property Management Ltd.
Organization Chart
for
EcoPark Management Office

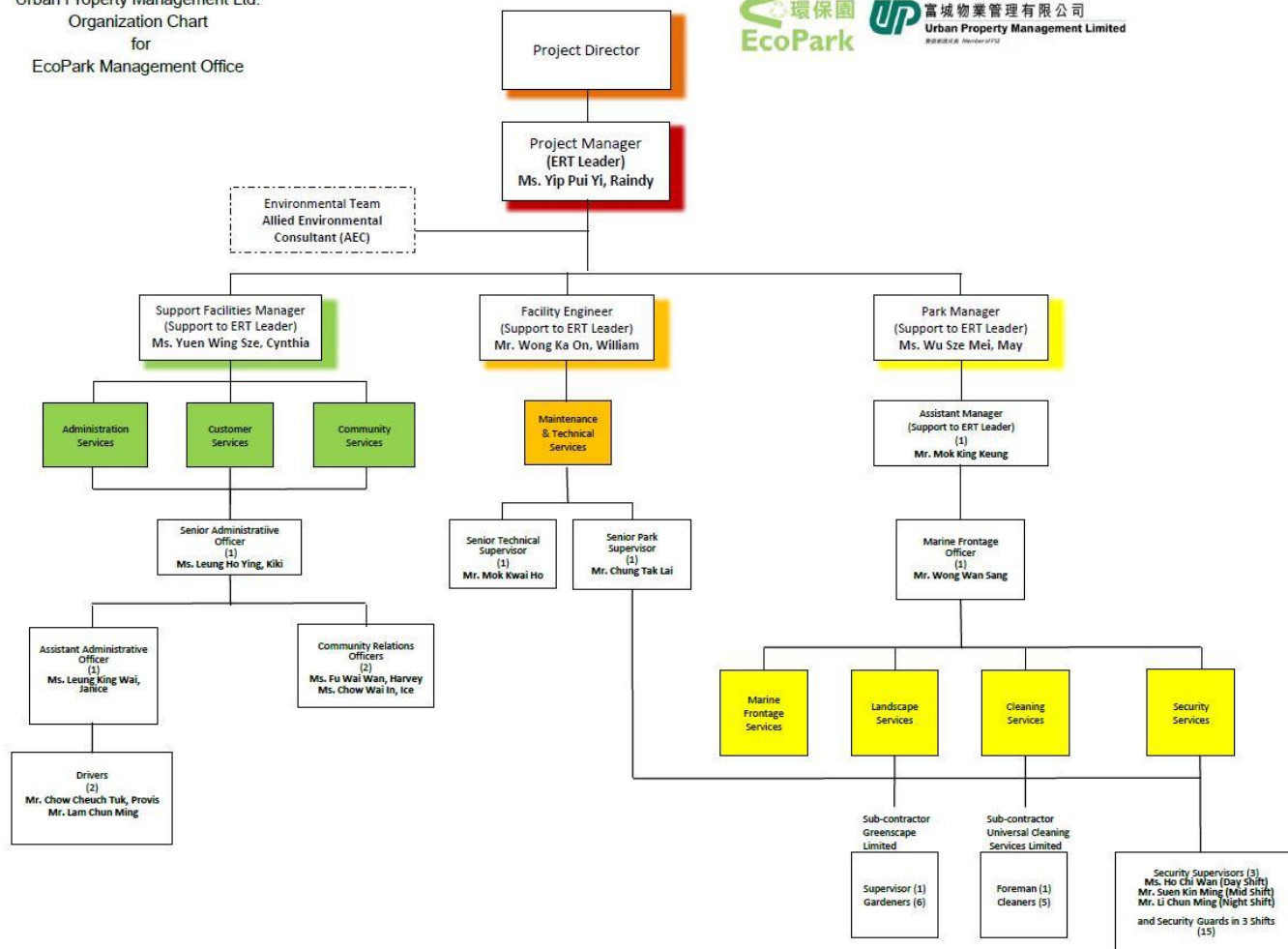
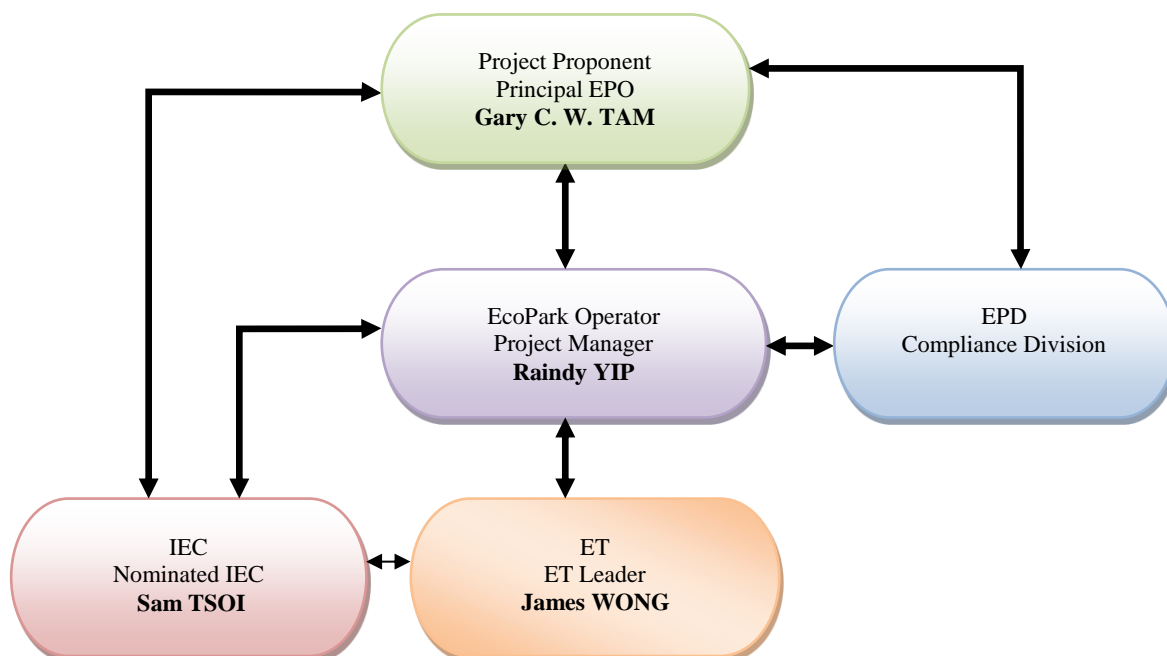


Figure 1-3 Organisation Chart of EM&A Works (Operation)



2 SUMMARY OF EM&A REQUIREMENT

2.1 Monitoring Parameters

- 2.1.1 Landfill Gas (LFG) is required to be monitored quarterly at service voids and utility boxes within EcoPark because the northern part of EcoPark lies within the 250m LFG Consultation Zone for Siu Lang Shui Landfill, which is located to the north of EcoPark.
- 2.1.2 Operational LFG monitoring has been carried out in Phase 1 after completion of construction in July 2009, commencing in the August to October 2009 quarter. In Phase 2, monitoring has been carried out after completion of construction in November 2010, commencing in the November 2010 to January 2011 quarter.
- 2.1.3 The location for LFG monitoring was not specified in the EM&A Manual since the final design of EcoPark was not available when the EM&A Manual was approved. Therefore, during a joint site inspection on 27th July 2009, three monitoring locations were identified and agreed as suitable monitoring locations by the former ET (SMEC Asia Ltd.), IEC (Atkins China Ltd.) and the Operator (Serco Guardian Joint Venture). Subsequently, two more monitoring locations in Phase 2 were proposed by the former ET and agreed by the IEC and Operator via email in January 2011. These five monitoring locations are listed in *Table 2.1* and shown in *Figure 2-1*.

Table 2.1 Operation Phase LFG Monitoring Locations in EcoPark

Monitoring Station ID	Type	Locations
EP1-1	LFG vent pipe	Inside the landscaping area of Administration Building
EP1-2	Service void	PCCW below-ground chamber outside Lot T1
EP1-3	Service void	HGC Broadband below-ground chamber outside Lot T3
EP2-1	Service void	HGC Broadband below-ground chamber outside Lot P1
EP2-2	Service void	HGC Broadband below-ground chamber outside Lot P3

- 2.1.4 Routine LFG monitoring has been carried out on a quarterly basis. Should EPD alert the Operator that high LFG levels have been detected during monthly monitoring under the Siu Lang Shui Landfill restoration contract, the Operator may be required to increase LFG monitoring to monthly until such time as EPD inform the Operator that quarterly monitoring can be resumed. No detection of high LFG levels under Siu Lang Shui Landfill restoration contract was received from EPD in the reporting quarter.

2.2 Environmental Quality Performance Limits and EAP

- 2.2.1 The Action/Limit Levels and Event Action Plan (EAP) for LFG are shown in *Table 2.2* below. These refer to LFG detected in excavations, utilities and any enclosed on-site areas. No other A/L Levels or EAPs are specified in the EM&A Manual for the operation phase EM&A.

Table 2.2 Action Levels, Limit Levels and Event and Action Plan for LFG

Parameter	Level	Action
Oxygen (O ₂)	Action Level <19% O ₂	<ul style="list-style-type: none"> Ventilate trench/void to restore O₂ to >19%
	Limit Level <18% O ₂	<ul style="list-style-type: none"> Stop works Evacuate personnel/prohibit entry Increase ventilation to restore O₂ to >19%
Methane (CH ₄)	Action Level >10% LEL	<ul style="list-style-type: none"> Post "No Smoking" signs Prohibit hot works Increase ventilation to restore CH₄ to <10% LEL
	Limit Level >20% LEL	<ul style="list-style-type: none"> Stop works Evacuate personnel/prohibit entry Increase ventilation to restore CH₄ to <10% LEL
Carbon Dioxide (CO ₂)	Action Level >0.5% CO ₂	<ul style="list-style-type: none"> Ventilate to restore CO₂ to <0.5%
	Limit Level >1.5% CO ₂	<ul style="list-style-type: none"> Stop works Evacuate personnel/prohibit entry Increase ventilation to restore CO₂ to <0.5%

2.3 Environmental Audit of Non-Monitored Parameters

2.3.1 Site inspections provide a direct means to trigger and enforce the environmental protection and pollution control measures specified in the Environmental Impact Assessment (EIA) Report. To examine operational practice, site inspections are to be undertaken by the ET once per month. The monthly inspection shall join with the random site inspection by the IEC where possible. A joint inspection by ET and IEC will be carried out at least once per quarter. Ad hoc site inspections are also carried out if significant environmental problems are identified. In addition, inspections may be required subsequent to receipt of environmental complaint, or as part of the investigation work, as specified in the EAP.

2.3.2 The following parameters are required to be audited as part of the operation phase EM&A program:

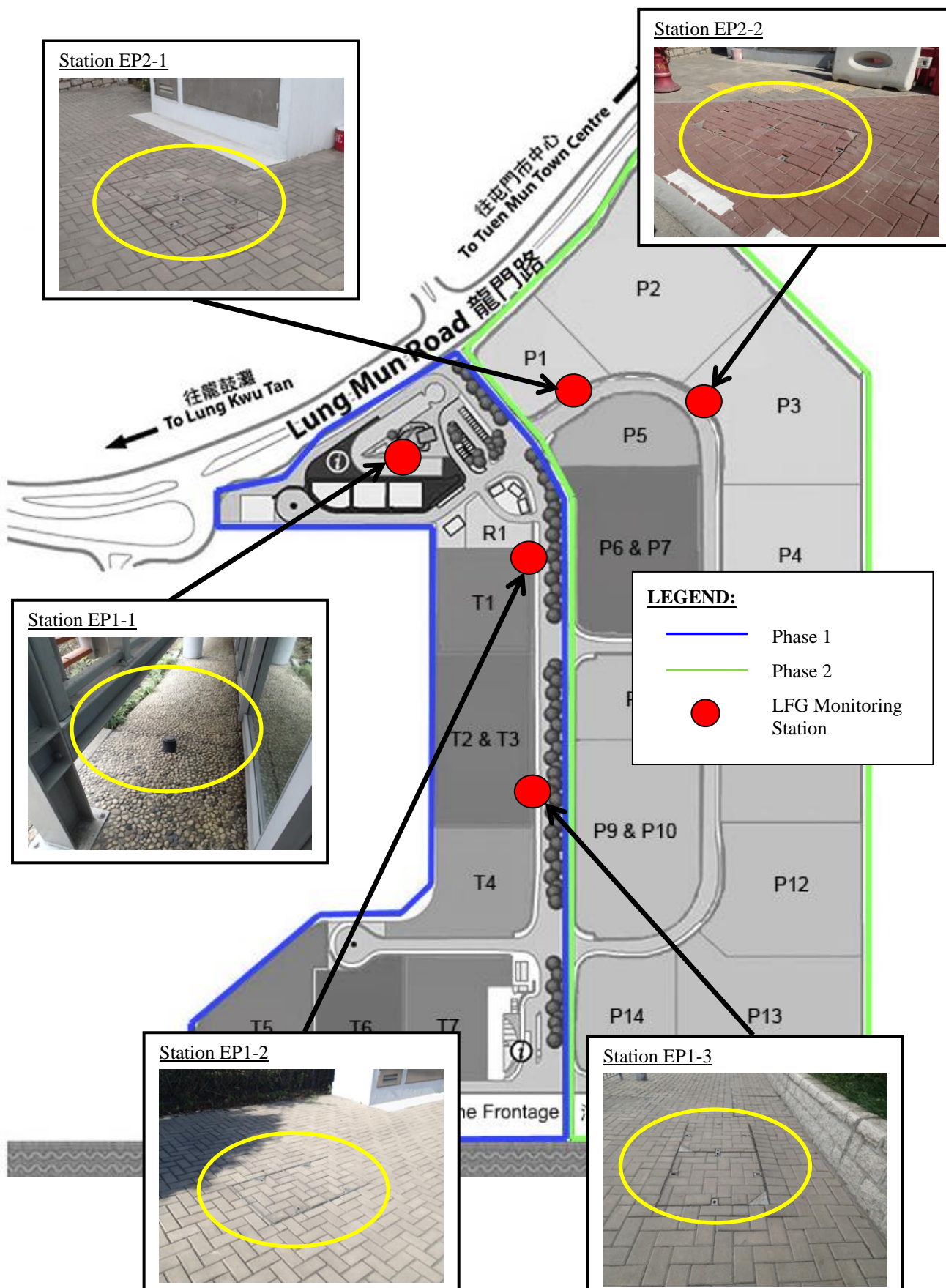
- Air Quality
- Water Quality
- Waste Management
- Land Contamination

2.4 Environmental Mitigation Measures

2.4.1 Environmental mitigation measures applicable to the operation phase EM&A as stated in the Implementation Schedule are summarised in **Appendix 1**.

2.5 Environmental Requirements in Tenancy Agreements

2.5.1 Environmental requirements specified in tenancy agreements are provided in **Appendix 2**.

Figure 2-1 LFG Monitoring Locations within EcoPark

3 OPERATION STATUS

3.1 General

3.1.1 The location of lots within EcoPark, the current usage and tenant names are shown in **Figure 3-1**. A summary of waste throughputs is provided in *Section 3.11*. Brief descriptions of the active tenants and operators are provided from *Sections 3.2 to 3.10*.

3.1.2 In the reporting quarter:

- HKBRC was without any site operation;
- Baguio was carrying out foundation and building works;
- 3R completed ground investigation but not yet carrying out any site operation; and
- Rocsky was under pre-construction work.

3.2 Champway Technology Limited

- **Lot No.:** T5 (Phase 1)
- **Lot Size:** Approx. 6,000m²
- **Activity:** Recycling of Organic Waste (Waste Cooking Oil)
- **Recycling Process:** Turn waste cooking oil into biodiesel by extraction, neutralisation, separation and distillation.

3.2.1 In this reporting quarter, waste cooking oil was recycled. Bi-monthly samplings for effluent arising from producing biodiesel have been conducted to comply with the requirement of effluent discharge licence.

3.3 Hong Kong Biomass (Wood) Collect and Recycle Company Limited

- **Lot No.:** T4 (Phase 1)
- **Lot Size:** Approx. 5,000m²
- **Activity:** Recycling of Waste Woods
- **Recycling Process:** Recycle waste woods to wood fuel pellets. Ferrous metals will be separated by magnets.

3.3.1 In this reporting quarter, waste wood was recycled.

3.4 HP Telford Envirotech Group Limited

- **Lot No.:** T1 (Phase 1)
- **Lot Size:** Approx. 5,000m²
- **Activity:** Recycling of Waste Plastics
- **Recycling Process:** Sorting, shredding and baling of waste plastic

3.4.1 In this reporting quarter, waste plastics were recycled.

3.5 Chung Yue Steel Group Company Limited

- **Lot No.:** P13 (Phase 2)
- **Lot Size:** Approx. 100,000 m²
- **Activity:** Recycling of Waste Metals
- **Recycling Process:** Turn waste metals into non-ferrous scrap, light ferrous scrap and heavy ferrous scrap by sorting, baling and shearing.

3.5.1 In this reporting quarter, waste metals were recycled.

3.6 K. Wah Construction Products Ltd.

- **Lot No.:** P11 (Phase 2)
- **Lot Size:** Approx. 10,000 m²
- **Activity:** Recycling of Waste Construction Materials/Waste Glass
- **Recycling Process:** Waste construction materials and waste glass will be crushed and delivered to the concrete mixing plant for blending and poured into block machine for casting. The blocks will then be cured, washed and packaged.

3.6.1 In this reporting quarter, waste construction materials and waste glasses were recycled.

3.7 South China Reborn Resources (Zhongshan) Company Ltd.

- **Lot No.:** P12 (Phase 2)
- **Lot Size:** Approx. 9,000 m²
- **Activity:** Recycling of Organic Waste (Food Waste)
- **Recycling Process:** Food waste will be segregated. The recyclable portion will undergo deodorisation, dewatering, shredding, fermentation and drying to produce high protein animal feed for livestock farming and aquaculture.

3.7.1 In this reporting quarter, food waste was recycled. Also, the tenant adopted “tankered away” approach for handling of industrial effluent arising from the recycling of food waste instead of discharging into foul sewer.

3.8 WEEE.PARK

- **Lot No.:** P2, P3, P4 (Phase 2)
- **Lot Size:** Approx. 30,000 m²
- **Activity:** Recycling of WEEE
- **Recycling Process:** Four major types of WEEE (i.e. refrigerator and freezers, air conditioners, e-scrap, TV and computer screens) will be recycled. The recycling

processes include separation of insulation/backlighting/plastics/various metals, recovery of screen/monitor stand/refrigerant/oil/hazardous materials, and shredding of casing.

3.8.1 In this reporting quarter, WEEE was recycled.

3.9 On Fat Lung Innovative Resources Ltd.

- **Lot No.:** P8 (Phase 2)
- **Lot Size:** Approx. 4,400 m²
- **Activity:** Recycling of Waste Rubber Tyres and WEEE
- **Recycling Process:** Waste rubber tyres will be shredded into rubber powder and processed to form rubber bricks. WEEE will be dismantled/shredded and recovered for reusable components.

3.9.1 In this reporting quarter, waste rubber tyres were recycled.

3.10 Food Waste Management Group (FWMG) of EPD

- **Lot No.:** T7 (Phase 1)
- **Lot Size:** Approx. 4,000m²
- **Activity:** Temporary storage of wood chip and waste trees handling
- **Recycling Process:** Bulk reduction of waste tree by mechanical shearing and chipping.

3.10.1 In this reporting quarter, temporary storage of wood chip and waste trees handling were conducted.

3.11 Throughput Statistics

3.11.1 For the active recyclers, most of the incoming waste materials and outgoing products were delivered by land transportation, except for the metals from Chung Yue were delivered by both marine and land transportation.

3.11.2 The throughputs of WEEE.PARK and the eight active tenants are summarised in **Table 3.1** below. Please note that product output plus waste disposal does not necessarily equal the waste input, due to material losses during processing and material retained within the lot.

Table 3.1 Throughput Statistics for the Reporting Quarter

Material Type	Waste Input (tonne)	Product Output ⁽⁴⁾ (tonne)	Waste Disposed ⁽⁴⁾ (tonne)
Waste Organic Food	649	768	56
Waste Ferrous Metals	22,938	23,540	145
Waste Wood	199	68	-
Waste Electronics	3,829	3,372	441
Waste Plastics	571	610	-
Construction Waste	327	10,008	14
Waste Glass	763		
Waste Rubber Tyres	n/a	n/a	n/a

Notes:

- 1) The throughput data presented above is the best available data and has been rounded off to the nearest whole tonne for presentation.
- 2) The total product output may not be the same as the waste input due to processing of materials that were received before the reporting quarter and were stored within the lots.
- 3) Waste disposal refers to the disposal of general refuse (i.e. packaging) and/or chemical waste.
- 4) Since the recycling of waste glass and construction waste is combined to produce concrete block at K.Wah, the product output and waste disposal from both processes are combined.
- 5) “-” in the column of waste disposal denotes zero quantity; while “n/a” denotes unavailable information.

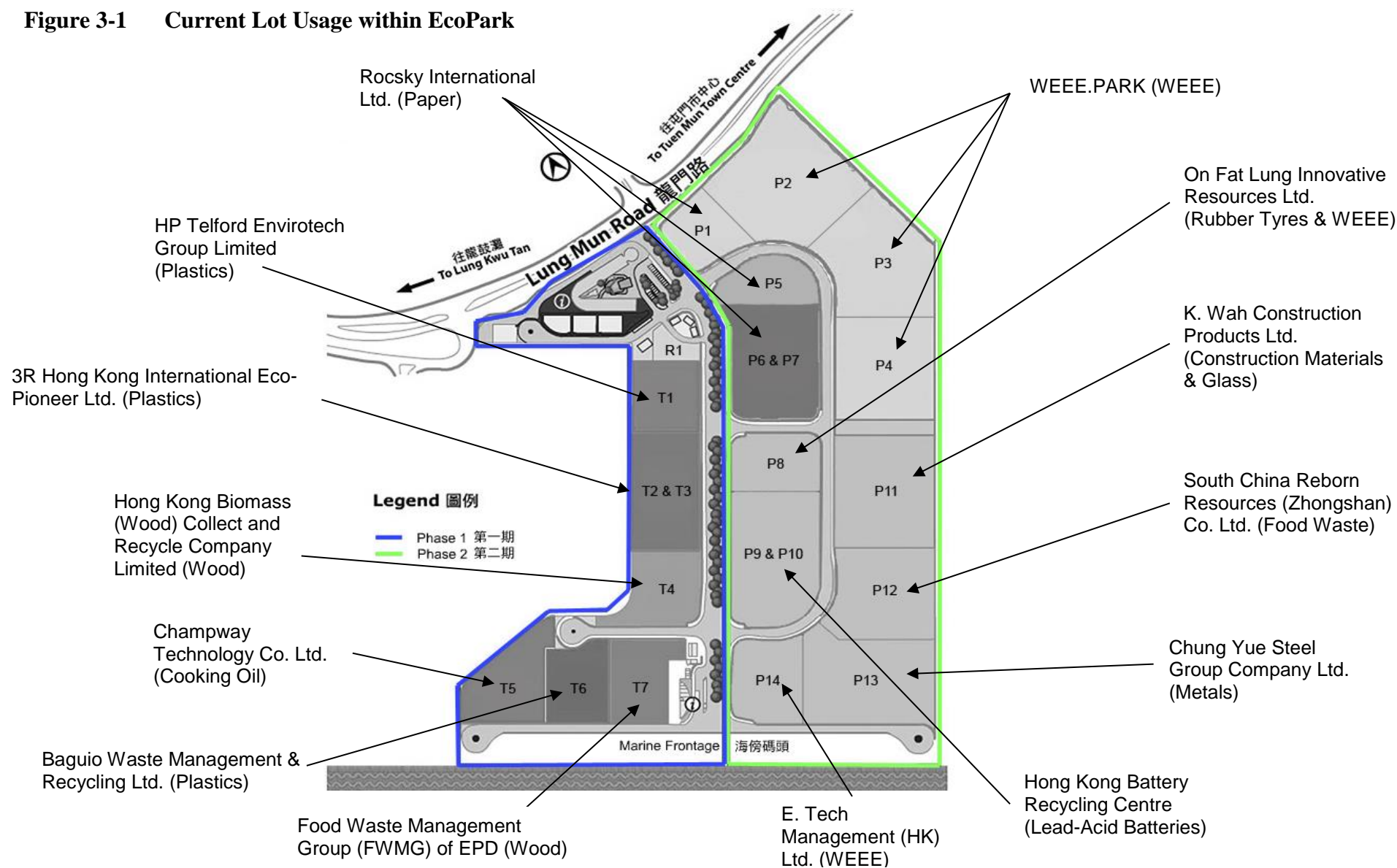
3.11.3 Detailed throughput figures of the reporting quarter are provided in **Appendix 3.1**. Updated throughput figures of the previous months are provided in **Appendix 3.2**.

3.12 Process Review

3.12.1 Process Review, and maybe Design Audit (DA) where required, had been conducted for each recycling process to be operated within EcoPark to confirm its compliance with the findings and recommendations of the EIA report and the conditions of the EP.

3.12.2 Since 2008, twenty four process reviews and three DAs had been approved. Among those, sixteen process reviews and three DAs are related to the current recycling processes in EcoPark as of December 2019. In the reporting period, neither process review nor DA were approved in the reporting period. Full set of the completed PRCs and DAs are submitted separately to relevant authorities in EPD.

Figure 3-1 Current Lot Usage within EcoPark



4 IMPLEMENTATION STATUS OF ENVIRONMENTAL PROTECTION MEASURES

- 4.1.1 Environmental mitigation measures applicable to the operation phase EM&A as stated in the implementation schedule are summarised in *Appendix 1*. Environmental requirements specified in tenancy agreements are summarised in *Appendix 2*.
- 4.1.2 By the end of December 2019, WEEE.PARK, Lot T7 (FWMG of EPD) and eight tenants (Champway, HK Biomass, HP Telford, K. Wah, E. Tech, Chung Yue, South China and On Fat Lung) were under full operation.
- 4.1.3 Appropriate environmental protection measures are in place at all lots.

5 MONITORING RESULTS

5.1 Monitoring Date, Time, Frequency and Duration

- 5.1.1 As described in *Section 2.1*, operational LFG monitoring is conducted quarterly at five monitoring locations, three in Phase 1 and two in Phase 2. In this reporting quarter, monitoring was undertaken on 23rd December 2019 at four locations (two in Phase 1 and two in Phase 2) and on 30th December 2019 at one location (one in Phase 1). Owing to equipment problem, the monitoring at station EP1-2 could not be conducted on 23rd December 2019 and postponed to 30th December 2019. Monitoring details are shown *Table 5.1* below.

Table 5.1 Sampling Schedule for the Quarterly LFG Monitoring

Station ID	Sampling Date	Time	Duration	Ambient Air Temp.	Weather
EP1-1	23 rd December 2019	09:43 – 09:45	2 minutes	20°C	Fine
EP1-3		10:03 – 10:05	2 minutes	20°C	Sunny
EP2-1		09:50 – 09:52	2 minutes	20°C	Fine
EP2-2		09:55 – 09:57	2 minutes	20°C	Fine
EP1-2	30 th December 2019	10:02 – 10:04	2 minutes	21°C	Fine

5.2 Monitoring Methodology, Parameters and Equipment

- 5.2.1 The LFG monitoring requirement and methodology are stipulated in *Section 6* of the EM&A Manual. The LFG monitoring parameters and their measurement ranges are detailed in *Table 5.2* below.

Table 5.2 Parameters and Measurement Ranges for LFG Monitoring

Parameters	Measurement Ranges
Methane (CH ₄)	0 – 100% LEL & 0-100% v/v
Oxygen (O ₂)	0 – 25% v/v
Carbon Dioxide (CO ₂)	0 – 100% v/v
Barometric Pressure	mBar (absolute)

- 5.2.2 LFG monitoring shall be carried out using intrinsically-safe, portable multi-gas monitoring instruments. The gas monitoring equipment shall:

1. Where possible, comply with BS 6020 and be approved by BASEEFA as intrinsically safe, suitable for use in a Zone 2 are to BS 5345;
2. Be capable of continuous monitoring of methane, oxygen and carbon dioxide;
3. Be capable of continuous barometric pressure and gas pressure measurements;

4. Normally operate in diffusion mode unless required for spot sampling, when it should be capable of operating by means of an aspirator or pump;
5. Have low battery, fault and over range indication incorporated;
6. Store monitoring data, and shall be capable of being down-loaded directly to a PC; and
7. Measure in the following ranges:
 - Methane 0 – 100% LEL & 0 - 100% v/v
 - Oxygen 0 – 25% v/v
 - Carbon dioxide 0 – 100% v/v
 - Barometric pressure mBar (absolute)

5.3 Results and Graphical Plots of Monitoring Parameters

5.3.1 One InfraRed Gas Analyser Model GA5000 (serial number G501982) was used for LFG measurements. The gas analyser is calibrated every 6 months. **Appendix 4** presents the calibration records of the monitoring equipment.

5.3.2 LFG monitoring results are summarised in **Table 5.3** and compared with the Action and Limit Levels tabulated in **Table 2.2**. Graphical plots of the monitoring results are also provided in **Appendix 5**.

Table 5.3 Quarterly LFG Monitoring Results in the Reporting Quarter

Station ID	Sampling Date	Monitoring Results				
		Methane (% v/v)	Methane (% LEL)	Oxygen (% v/v)	Carbon Dioxide (% v/v)	Barometric Pressure (mBar)
EP1-1	23 rd December 2019	0.2	4	19.7	<0.1	1021
EP1-3		0.1	2	19.9	<0.1	1021
EP2-1		0.2	4	19.9	<0.1	1021
EP2-2		0.2	4	19.5	0.2	1021
EP1-2	30 th December 2019	0.2	4	19.9	<0.1	1023

5.3.3 No exceedance of Action and Limit Levels was recorded in the reporting quarter.

6 SUMMARY OF ENVIRONMENTAL AUDIT

6.1 General

6.1.1 In the reporting quarter, WEEE.PARK and eight active tenants were under full operation. Temporary storage of wood chip and waste tree handlings were conducted in Lot T7.

6.1.2 Environmental audits based on the approved site inspection checklist were carried out by the Operator and the ET on 22nd October, 19th November and 23rd December 2019. IEC random site audits were also carried out on 22nd October and 23rd December 2019. A quarterly joint site inspection was carried out by the Operator, the IEC and the ET on 19th November 2019. The completed audit checklists for tenants are provided in **Appendix 6**.

6.2 Champway Technology Limited

6.2.1 Audit observations from previous reporting quarters and this reporting quarter are summarised in **Table 6.1** below. The completed checklists for Champway are given in **Appendix 6.1**.

Table 6.1 Environmental Audit Findings for Champway

Date	Item	Comment	Status
<i>Observations From Previous Reporting Quarters</i>			
19 Mar 2019	No labelling is provided to the chemical waste and chemical waste storage area, which should also be provided with adequate ventilation.	The tenant should review relevant requirements stipulated in the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes and provide proper labelling to the chemical waste and chemical waste storage area with adequate ventilation.	As observed on 23 Dec 2019, a proper signage for the relocated chemical waste storage area at the northern part of the lot was provided by the tenant. However, one of the chemical waste labels was not securely attached. The tenant should rectify the label on the chemical container. The status will be reviewed in next inspection in Jan 2020.
24 Jul 2019	No chemical waste label is provided on one of the chemical waste containers which stored at the chemical waste storage area.	The tenant was reminded to provide proper chemical waste labels to all chemical waste containers.	As observed on 23 Dec 2019, a proper signage for the relocated chemical waste storage area at the northern part of the lot was provided by the tenant. However, one of the chemical waste labels was not securely attached. The tenant should rectify the label on the chemical container. The status will be reviewed in next inspection in Jan 2020.
18 Sep 2019	Oil spillage was observed under	The tenant should clear the chemical	As observed on 23 Dec 2019, oil spillage was cleaned up

Date	Item	Comment	Status
	the filter press system.	stain and replace the leaked container if any.	under and next to the filter press system by the tenant. The containers of the filter press were observed in a right position.
<i>Observations From This Reporting Quarter</i>			
22 Oct 2019	Equipment materials and chemical containers were observed accumulated at the exhaust of carbon filter.	The tenant was reminded to properly store the chemical containers on site or relocate the used ones to chemical waste storage area with provision of proper labelling where deemed necessary.	As observed on 23 Dec 2019, equipment materials and chemical containers were removed at the exhaust of carbon filter. The remaining material was the activated carbon for replacement propose.
22 Oct 2019	General refuse was observed in the perimeter drain next to the exhaust of carbon filter.	The tenant was reminded to remove the refuse in order to prevent any blockage.	General refuse was observed in the perimeter drain next to the exhaust of carbon filter during the inspection on 23 Dec 2019. The status will be reviewed in next inspection in Jan 2020.
22 Oct 2019	Milky discharge was observed in the stormwater drain at the entrance area.	The tenant was reminded to prevent any untreated runoff from discharging to the stormwater drain which should follow the discharge standard of the WPCO discharge licence.	Milky discharge and oil mixture were observed in the stormwater drain at the entrance area during the inspection on 23 Dec 2019. The status will be reviewed in next inspection in Jan 2020.
22 Oct 2019	Grease was observed accumulated at the storage tank area.	The tenants was reminded to regularly clear it and seal up in between the concrete barriers to prevent any potential leakage into the perimeter drain.	No grease was observed adjacent to the filter press system during the inspection on 23 Dec 2019. Nevertheless, the tenant was reminded to provide sufficient measures, e.g. seal up the barriers with concrete, to prevent any potential surface runoff entering into the perimeter drain. The status will be reviewed in next inspection in Jan 2020.
22 Oct 2019	Oil spillage was observed beneath the chemical containers opposite to the chemical waste storage area.	The tenant was reminded to clear the oil and provide effective measures to contain any potential oil spillage.	As observed on 19 Nov 2019, oil spillage was removed beneath the chemical containers opposite to the chemical waste storage area.

Date	Item	Comment	Status
22 Oct 2019	The bi-monthly sampling record of effluent discharge for Sep 2019 was outstanding while the results for effluent sampling in Oct 2019 was presented during ET's inspection.	The tenant should keep records of bi-monthly sampling results for vetting and provide the renewed Licence once available.	The renewed discharge licence was provided by tenant and was observed during the inspection on 23 Dec 2019. The upcoming bi-monthly sampling results will be reviewed in next site inspection in Jan 2020.
19 Nov 2019	The quarterly report for Aug - Oct 2019 as required from the SP licence was outstanding.	The tenant should timely provide the quarterly report for vetting.	As observed on 23 Dec 2019, the quarterly report for Aug - Oct 2019 as required from the SP licence was provided by the tenant.
19 Nov 2019	Oil spillage was found in adjacent to the chemical waste storage area owing to machinery repairment	The tenant should clean up the spillage with sufficient absorbent and dispose of as chemical waste.	As observed on 23 Dec 2019, oil spillage was found in adjacent to the chemical waste storage area owing to machinery repairment. The status will be reviewed in next inspection in Jan 2020.
23 Dec 2019	Oil spillage was observed adjacent to the cooling tower.	Same as the item.	The tenant has cleaned up the oil spillage on the same day. The status will be reviewed in next inspection in Jan 2020.
23 Dec 2019	Oil stain was found at the vehicular access.	The tenant was requested to clean up the stain.	The status will be reviewed in next inspection in Jan 2020.

6.3 Hong Kong Biomass (Wood) Collect and Recycle Company Limited

6.3.1 Audit observations from previous reporting quarters and this reporting quarter are summarised in **Table 6.2** below. The completed checklist for HK Biomass is given in **Appendix 6.2**.

Table 6.2 Environmental Audit Findings for HK Biomass

Date	Item	Comment	Status
<i>Observations From Previous Reporting Quarters</i>			
None			
<i>Observations From This Reporting Quarter</i>			
22 Oct 2019	No new critical issue was identified.		
19 Nov 2019	No new critical issue was identified.		
23 Dec 2019	No new critical issue was identified.		

6.4 HP Telford Envirotech Group Limited

- 6.4.1 Audit observations from previous reporting quarters and this reporting quarter are summarised in **Table 6.3** below. The completed checklists for HP Telford are given in **Appendix 6.3**.

Table 6.3 Environmental Audit Findings for HP Telford

Date	Item	Comment	Status
<i>Observations From Previous Reporting Quarters</i>			
None			
<i>Observations From This Reporting Quarter</i>			
22 Oct 2019	Shredded plastic was found at the operational area	The tenant was reminded to improve the housekeeping condition by properly storing the shredded plastic into bags.	As observed on 19 Nov 2019, the housekeeping condition was generally improved.
19 Nov 2019	No new critical issue was identified.		
23 Dec 2019	No new critical issue was identified.		

6.5 Chung Yue Steel Group Company Limited

- 6.5.1 Audit observations from previous reporting quarters and this reporting quarter are summarised in **Table 6.4** below. The completed checklists for Chung Yue are given in **Appendix 6.4**.

Table 6.4 Environmental Audit Findings for Chung Yue

Date	Item	Comment	Status
<i>Observations From Previous Reporting Quarters</i>			
None			
<i>Observations From This Reporting Quarter</i>			
22 Oct 2019	No new critical issue was identified.		
19 Nov 2019	A truck with transported materials was observed without covering	The tenant should fully cover the transported materials and avoid overloading of transported materials.	As observed on 23 Dec 2019, truck loaded to a level within the side and tail boards. Nevertheless, materials transported on truck should be properly covered. The status will be reviewed in next inspection in Jan 2020.
23 Dec 2019	No new critical issue was identified.		

6.6 K.Wah Construction Products Limited

- 6.6.1 Audit observations from previous reporting quarters and this reporting quarter are summarised in **Table 6.5** below. The completed checklists for K.Wah are given in **Appendix 6.5**.

Table 6.5 Environmental Audit Findings for K.Wah

Date	Item	Comment	Status
<i>Observations From Previous Reporting Quarters</i>			
24 Jul 2019	Stockpiles of concrete block and earth materials are exposed and located on top of a stormwater drainage channel.	The tenant was reminded to provide tarpaulin for covering the stockpiles and regularly inspect the stormwater channel especially after raining events in order to prevent accumulation of grit and blockage in the stormwater channel.	As observed on 23 Dec 2019, open stockpiles were observed without covering of tarpaulin. The status will be followed up in the next inspection in Jan 2020.
<i>Observations From This Reporting Quarter</i>			
22 Oct 2019	Oil stain was observed nearby the open storage area at the eastern part of the lot	The tenant was reminded to clean up the oil stain.	As observed on 19 Nov 2019, the oil stain nearby the open storage area at the eastern part of the lot was cleaned.
19 Nov 2019	An oil drum was observed without a cover and drip tray.	The tenant should provide a cover and drip tray or relocate the chemical container to chemical waste storage area.	As observed on 23 Dec 2019, the drum was no longer observed with oil inside and used as storage of materials. No sign of oil leakage was observed
19 Nov 2019	Some of the chemical waste containers which stored in the chemical waste storage area was observed without chemical waste labels.	The tenant should provide proper label on each chemical waste container.	As observed on 23 Dec 2019, some of the chemical waste containers which had been stored in the chemical waste storage area were observed without chemical waste labels. The status will be reviewed in next inspection in Jan 2020.
23 Dec 2019	Chemical containers were found above the perimeter drain near the site entrance.	The tenant was requested to relocate these chemical containers in order to prevent any chemical leakage entering the perimeter drain.	The status will be reviewed in next inspection in Jan 2020.

6.7 South China Reborn Resources (Zhongshan) Company Limited.

- 6.7.1 Audit observations from previous reporting quarters and this reporting quarter are summarised in **Table 6.6** below. The completed checklists for South China are given in **Appendix 6.6**.

Table 6.6 Environmental Audit Findings for South China

Date	Item	Comment	Status
<i>Observations From Previous Reporting Quarters</i>			
None			
<i>Observations From This Reporting Quarter</i>			
22 Oct 2019	No new critical issue was identified.		
19 Nov 2019	Scum was observed in the stormwater drain.	The tenant should regularly inspect and review to prevent accidental spillage of cleansing water from entering the manholes.	As observed on 23 Dec 2019, milky discharge and oil mixture was observed in the stormwater drain. The status will be reviewed in next inspection in Jan 2020.
23 Dec 2019	Scum was observed in the perimeter drain	The tenant should regularly inspect and clean up the scum.	The status will be reviewed in next inspection in Jan 2020.

6.8 E. Tech Management (HK) Limited.

- 6.8.1 Audit observations from previous reporting quarters and this reporting quarter are summarised in **Table 6.7** below. The completed checklists for E. Tech are given in **Appendix 6.7**.

Table 6.7 Environmental Audit Findings for E. Tech

Date	Item	Comment	Status
<i>Observations From Previous Reporting Quarters</i>			
None			
<i>Observations From This Reporting Quarter</i>			
22 Oct 2019	No new critical issue was identified.		
19 Nov 2019	Improper signage for Chemical Waste Storage Area was observed and could not meet the requirements as stipulated in the Code of Practice on the	The tenant was requested to provide rectification on proper signage.	As observed on 23 Dec 2019, improper signage for one of the chemical waste storage areas was observed and could not meet the requirements as stipulated in the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes. The status

Date	Item	Comment	Status
	Packaging, Labelling and Storage of Chemical Wastes.		will be reviewed in next inspection in Jan 2020.
23 Dec 2019	No new critical issue was identified.		

6.9 WEEE.PARK

6.9.1 Audit observations from this reporting quarter are summarised in **Table 6.8** below. The completed checklists for WEEE.PARK are given in **Appendix 6.8**.

Table 6.8 Environmental Audit Findings for WEEE.PARK

Date	Item	Comment	Status
<i>Observations From Previous Reporting Quarters</i>			
None			
<i>Observations From This Reporting Quarter</i>			
22 Oct 2019	No new critical issue was identified.		
19 Nov 2019	Some of the chemical waste containers which stored in the chemical waste storage area was observed without chemical waste labels	The tenant should provide proper label on each chemical waste container.	As observed on 23 Dec 2019, some of the chemical waste containers which has been stored in the chemical waste storage area were observed without chemical waste labels. The status will be reviewed in next inspection in Jan 2020.
23 Dec 2019	No new critical issue was identified.		

6.10 On Fat Lung Innovative Resources Limited

6.10.1 Audit observations from this reporting quarter are summarised in **Table 6.9** below. The completed checklists for On Fat Lung are given in **Appendix 6.9**.

Table 6.9 Environmental Audit Findings for On Fat Lung

Date	Item	Comment	Status
<i>Observations From Previous Reporting Quarters</i>			
None			
<i>Observations From This Reporting Quarter</i>			
22 Oct 2019	Dusty stockpiles was not entirely covered.	The tenant was reminded to entirely cover the dusty stockpiles with impervious sheeting.	As observed on 19 Nov 2019, dusty stockpiles was covered.
22 Oct 2019	Chemical containers were observed without provision of drip tray.	The tenant was reminded to properly store the chemical containers on site.	As observed on 19 Nov 2019, chemical containers were removed by the tenant.

Date	Item	Comment	Status
19 Nov 2019	No new critical issue was identified.		
23 Dec 2019	Dusty stockpile was not entirely covered.	The tenant was requested to entirely cover the dusty stockpile with impervious sheeting.	The status will be reviewed in next inspection in Jan 2020.

6.11 Lot T7 (FWMG of EPD)

- 6.11.1 Audit observations from previous reporting quarters and this reporting quarter are summarised in **Table 6.10** below. The completed checklists of general site inspection for EcoPark are given in **Appendix 6.10**.

Table 6.10 Environmental Audit Findings for Lot T7

Date	Item	Comment	Status
<i>Observations From Previous Reporting Quarters</i>			
None			
<i>Observations From This Reporting Quarter</i>			
22 Oct 2019	No new critical issue was identified.		
19 Nov 2019	No new critical issue was identified.		
23 Dec 2019	No new critical issue was identified.		

6.12 General Condition of EcoPark

- 6.12.1 Audit observations from previous reporting quarters and this reporting quarter are summarised in **Table 6.11** below. The completed checklists of general site inspection for EcoPark are given in **Appendix 6.11**.

Table 6.11 General EcoPark Audit Findings

Date	Item	Comment	Status
<i>Observations From Previous Reporting Quarters</i>			
None			
<i>Observations From This Reporting Quarter</i>			
22 Oct 2019	No new critical issue was identified.		
19 Nov 2019	No new critical issue was identified.		
23 Dec 2019	No new critical issue was identified.		

7 ENVIRONMENTAL COMPLAINTS, NOTIFICATION OF SUMMONS AND SUCCESSFUL PROSECUTION

7.1 Follow-up on Previous Environmental Complaint

Wastewater Treatment at South China received on 26th October 2016

7.1.1 Flow meters were installed at various points of the wastewater treatment system, e.g. incoming pipe for the storage tank at 3/F, the outgoing pipe of the treatment tank for recycling, the wastewater collection pipes for washing area at G/F, etc. The flow data was recorded to monitor the quantity of wastewater generated from different areas. During this reporting quarter, no discharge of wastewater was recorded based on the flow data record inspected. The wastewater was collected and transported to designated treatment facility by a licenced collector as a temporary measure.

7.1.2 As verbally informed by the tenant, the expired discharge licence would not be renewed and the upgrade of the WTP would not be carried out. The wastewater would continually be collected and transported to designated treatment facility by a licenced collector.

7.2 New Environmental Complaint, Notification of Summon and Successful Prosecution in the Reporting Period

7.2.1 By the end of December 2019, no complaint or notification of summon or successful prosecution related to recycling activities was received in this reporting quarter.

8 CONCLUSIONS

- 8.1.1 This is the fifty-first (51st) quarterly EM&A report prepared for the operation phase of EcoPark and covers the reporting quarter from October to December 2019. The recycling activities are audited on a monthly basis and the results are summarised in this report. In the reporting quarter, there were eleven tenants in EcoPark Phase 1 and Phase 2, one operator (FWMG of EPD) of Lot T7 in EcoPark Phase 1 and one operator (Alba IWS) in EcoPark Phase 2.
- 8.1.2 The ET has conducted monthly site inspections while the IEC has carried out full site inspection on quarterly basis and random site audits on monthly basis, and some general observations have been made. The approved checklist has been used in the monthly site inspections for various tenants.
- 8.1.3 The throughputs of WEEE.PARK and the eight active tenants in the reporting quarter are summarised in **Table 8.1**. Please note that product output plus waste disposal do not necessarily equal the waste input, due to material losses during processing and material retained within the lots.

Table 8.1 Throughput Statistics for the Reporting Quarter

Material Type	Waste Input (tonne)	Product Output ⁽⁴⁾ (tonne)	Waste Disposed ⁽⁴⁾ (tonne)
Waste Organic Food	649	768	56
Waste Ferrous Metals	22,938	23,540	145
Waste Wood	199	68	-
Waste Electronics	3,829	3,372	441
Waste Plastics	571	610	-
Construction Waste	327	10,008	14
Waste Glass	763		
Waste Rubber Tyres	n/a	n/a	n/a

Notes:

- 1) The throughput data presented above is the best available data and has been rounded off to the nearest whole tonne for presentation.
- 2) The total product output may not be the same as the waste input due to processing of materials that were received before the reporting quarter and were stored within the lots.
- 3) Waste disposal refers to the disposal of general refuse (i.e. packaging) and/or chemical waste.
- 4) Since the recycling of waste glass and construction waste is combined to produce concrete block at K.Wah, the product output and waste disposal from both processes are combined.
- 5) “-” in the column of waste disposal denotes zero quantity; while “n/a” denotes unavailable information.

- 8.1.4 LFG monitoring during the reporting quarter was undertaken on 23rd December 2019 at four locations (two in Phase 1 and two in Phase 2) and on 30th December 2019 at one location (one in Phase 1). Owing to equipment problem, the monitoring at station EP1-2 could not be conducted on 23rd December 2019 and postponed to 30th December 2019. No exceedance of Action or Limit Level was recorded in the reporting quarter.

8.1.5 Numbers of complaints, summons and successful prosecutions in the reporting quarter are summarised below:

- **Complaints:** Zero.
- **Summons:** Zero.
- **Successful Prosecutions:** Zero.

8.1.6 In the next reporting quarter, LFG monitoring in operation phase for Phase 1 and Phase 2 will be continued.

Appendix 1

Environmental Mitigation Measures (from the Implementation Schedule)

EIA Ref.	EM&A Ref.	Environmental Protection Measures Identified in the Implementation Schedule that are Applicable to the Operation Phase of EcoPark	Location / Duration of Measures / Timing of Completion of Measures	Implementation Agent	Relevant Legislation and Guidelines
<i>General</i>					
5.5.23 to 5.5.25, 10.2.24 & 10.2.37	4.2.5 to 4.2.8	The Operator shall develop and implement an Emergency Response Plan (ERP) that lists the procedures to be followed in case of fire, fuel or chemical spillage or other emergency within the EcoPark.	Throughout the duration of the operation.	Operator	
12.2	7.2	No process shall be allowed to operate within EcoPark without approval from WFBU. Approval will be based on the ten-step Process Review, which may include a Design Audit if deemed to be necessary.	Throughout the duration of the operation.	ET IEC Project Proponent	
	8.1.2	All reports (including Process Review Checklists and any Design Audits) shall be prepared and certified by the ET, verified by the IEC and approved by the Project Proponent.	Throughout the duration of construction works until construction is substantially completed. Throughout the duration of the operation.	ET IEC Project Proponent	
12.3	7.3	The Operator shall prepare and implement an Environmental Management Plan (EMP) to define mechanisms for achieving the environmental requirements specified in the EIA, EP and in statutory regulations.	Throughout the duration of the operation.	Operator	
<i>Air Quality</i>					
13.2		The Operator shall ensure that EcoPark “base case” assumptions for air quality shown in Table 13.1 of the Final EIA Report are met by tenants, as a whole.	Throughout the duration of the operation.	Operator	Table 13.1 of the Final EIA Report
<i>Water Quality</i>					
5.4.11 & 5.6.7		To minimise the chance of accidental spillage during loading and unloading, and thereby reduce marine water quality impacts, well established cargo handling guidelines should be followed.	Adjacent to EcoPark marine frontage when loading or unloading goods.	Operator Operators of bulk carriers	Sections 5 & 6 of IMO Code of Practice for the Safe Loading/ Unloading of Bulk Carriers

EIA Ref.	EM&A Ref.	Environmental Protection Measures Identified in the Implementation Schedule that are Applicable to the Operation Phase of EcoPark	Location / Duration of Measures / Timing of Completion of Measures	Implementation Agent	Relevant Legislation and Guidelines
5.5.19		Contaminated water collected in the surface drainage systems shall be treated at the WTF or other appropriate treatment facility.	Within EcoPark throughout the life of the facility.	Operator	
5.5.23 to 5.5.25	4.2.5 to 4.2.7	An Emergency Response Plan (ERP) will be formulated to address various accident scenarios. The ERP will be certified by the Environmental Team (ET) and verified by the Independent Environmental Checker (IEC) under the operation EM&A programme.	Within EcoPark throughout the life of the facility.	Operator	
5.6.4		For uncovered areas where recovery process identified as causing potentially high level of contamination are located, stop-logs will be installed in the perimeter drainage system to isolate contamination.	Within EcoPark throughout the life of the facility.	Operator	
	4.2.2	The ET should develop an audit checklist, with the agreement of the IEC, to ensure that each mitigation measure is implemented when appropriate and operated correctly when implemented.	Within EcoPark throughout the life of the facility.	ET with IEC	
Waste Management					
6.8.7	5.2.4	The Operator should register with EPD as a chemical waste producer.	Within EcoPark throughout the life of the facility.	Operator	Waste Disposal (Chemical Waste) (General) Regulation
6.8.16		The dust collected by any air pollution control equipment installed by tenants must be tested to ensure compliance for landfill disposal.	Within EcoPark throughout the life of the facility.	Operator	Practice Note for disposal of dusty waste at landfills & Admission Ticket System
6.8.18 & 6.8.22	5.2.4	Sludge will be disposed of at WENT landfill, or at any future dedicated sludge treatment facility. Sludge will be collected by a Licensed collector at regular intervals, as determined by the	Within EcoPark throughout the life of the facility.	Operator	

EIA Ref.	EM&A Ref.	Environmental Protection Measures Identified in the Implementation Schedule that are Applicable to the Operation Phase of EcoPark	Location / Duration of Measures / Timing of Completion of Measures	Implementation Agent	Relevant Legislation and Guidelines
		operation of the WTF.			
6.8.21	5.2.4	Chemical wastes shall be stored in appropriate containers in a covered area. “No Smoking” signs will be clearly displayed to prevent accidental ignition of flammable materials. Drip trays capable of storing 110% of the volume of the largest container will be used to mitigate possible leakage.	Within EcoPark throughout the life of the facility.	Operator	Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes
	5.2.3 & 5.2.5	The ET should develop an audit checklist, with the agreement of the IEC, to ensure that each mitigation measure is implemented when appropriate and operated correctly when implemented.	Within EcoPark throughout the life of the facility.	ET with IEC	
6.8.7	5.2.4	The Operator should register with EPD as a chemical waste producer.	Within EcoPark throughout the life of the facility.	Operator	Waste Disposal (Chemical Waste) (General) Regulation
<i>Prevention of Contaminated Land</i>					
7.3.1	5.3.2	Any spillages of contaminating material shall be cleaned up immediately through the use of an absorbent. Any such used material should then be considered chemical waste and disposed of appropriately.	Within EcoPark throughout the life of the facility.	Operator	
7.3.3		Any areas within the lot to be used for recycling processes shall be concrete paved before recycling activities commence.	Within EcoPark throughout the life of the facility.	Operator	
7.3.5	5.3.2	During operation, the greatest risk of land contamination will come from storage of chemical wastes, therefore the measures should be followed : <ul style="list-style-type: none"> All chemical storage areas shall be provided with locks and be sited on sealed areas. The storage areas shall be surrounded by bunds with a capacity equal to 110% of the storage capacity of the largest tank to prevent spilled oil and chemicals from contaminating the ground. 	Within EcoPark throughout the life of the facility.	Operator	

EIA Ref.	EM&A Ref.	Environmental Protection Measures Identified in the Implementation Schedule that are Applicable to the Operation Phase of EcoPark	Location / Duration of Measures / Timing of Completion of Measures	Implementation Agent	Relevant Legislation and Guidelines
		<ul style="list-style-type: none"> Chemical wastes will be collected, stored and disposed of in accordance with the Regulation. Disposal of other construction waste will be undertaken by licensed contractors in accordance with applicable statutory requirements in the WDO. Chemical wastes shall be handled according to the relevant code of practice. Spent chemicals shall be stored and collected by an approved operator for disposal at a licensed facility in accordance with the relevant regulation. 			
<i>Landfill Gas</i>					
8.7.10 & 8.7.11	6.1.2	<ul style="list-style-type: none"> Alert workers and visitors of possible LFG hazards Prohibit smoking and open fires on site Conduct regular (quarterly) LFG monitoring at mobile offices, equipment stores, etc. 	Within EcoPark throughout the life of the facility.	Operator	
	6.4.3	Following construction, routine monthly monitoring may be required at service voids and utility boxes. The monitoring requirement and specific locations of monitoring points shall be established based on the findings of the monitoring carried out during construction (i.e. if no LFG is detected during construction then no routine monitoring is required). The need for continued monitoring shall, however, be reviewed through discussion with EPD.	Within EcoPark throughout the life of the facility.	Operator	
<i>Hazard to Life</i>					
10.4.3		Building height limit within EcoPark shall be applied to structures within which people may work at elevated levels.	Within EcoPark throughout the life of the facility.	Operator	EIA Report Table 10.2
<i>Landscape and Visual</i>					
9.4.4		It recommended that this commonality be promoted throughout EcoPark by the Operator and adopted by tenants, if practicable.	Within EcoPark throughout the life of the facility.	Operator	

Appendix 2

Environmental Requirements in Tenancy Agreements

Compliance of Environmental Legislation

5. The Tenant shall comply with and observe all Ordinances, by-laws, regulations and rules for the time being in force in Hong Kong governing the control of any form of pollution, including air, noise, water and waste pollution, and for the protection of the environment.

Air Pollution

6. Save with an appropriate exemption under the Air Pollution Control Ordinance (Cap. 311) any regulations made thereunder and any amending legislation, the Tenant shall not install or permit or suffer to be installed upon the Premises or any part thereof or any building(s) or structure(s) or part of any building(s) or structure(s) erected or to be erected thereon any furnace, oven, chimney or flue or any other combustion equipment or use or permit or suffer to be used any fuel or any method or process of manufacture or treatment that might in any circumstance result in, cause or contribute to the discharge or emission of any pollutant or any noxious, harmful or corrosive matter, whether it be in the form of gas, smoke, liquid, solid or otherwise (including but not limited to air pollutant as defined in Section 2 of the Air Pollution Control Ordinance

(Cap. 311), which exists or which is imminent, without the prior written approval of the Director.

Water Pollution

7. (a) In the event that the Tenant produces, generates, permits, causes, allows or suffers any discharge which is subject to control under the Water Pollution Control Ordinance (Cap. 358) any regulations made thereunder and any amending legislation, the Tenant shall apply to the Director for a licence and comply with the terms and conditions stipulated in the licence at the Tenant's own cost(s). Otherwise, the Tenant is not allowed to discharge directly or indirectly or to produce, generate, permit, cause, allow or suffer any discharge into any public sewer, storm-water drain, channel, stream-course, sea or any area inside or outside the Premises any trade effluent or foul or contaminated water or cooling or hot water. Subject to the said licence from the Director, the Tenant shall at its own cost(s) separate, collect, and discharge all process or industrial wastewater which comply with the standard required for discharge into a sewer leading to the sewage treatment works at Pillar Point or other treatment works specified in the licence.
- (b) Subject to obtaining advance written approval of the Director, the Tenant shall at its own cost(s) provide, install, operate and maintain its own waste water pre-treatment plants within the Premises if such process or industrial wastewater could not meet the standard required for discharge into a sewer leading to the sewage treatment works at Pillar Point or other treatment works specified in the licence. The Tenant shall at its own cost(s) separate, collect, discharge and send all domestic wastewater (i.e. other than process or industrial wastewater) to the Pillar Point Sewage Treatment Works directly for treatment or other treatment works specified in the licence.
- (c) In any event, the Tenant shall prevent any spilled materials from entering the surface water drainage system and prevent contamination of the sea at its own cost(s) by, inter alia, providing, installing, operating and maintaining stop-logs or interceptors in the surface water drainage system and at the marine frontage area, respectively, or as required by the licence. The Tenant shall at its own cost comply with relevant provisions of the Dumping at Sea Ordinance (Cap. 466) good practices and relevant provisions of the EIA Report and Final EM&A Manual.

Waste Management

8. (a) The Tenant shall at its own cost(s) comply with relevant provisions of the Waste Disposal Ordinance (Cap. 354).
- (b) The Tenant shall not permit, allow or suffer any fuel or chemical and any sewage, waste water or effluent containing sand, cement, silt or any suspended or dissolved material to flow, escape or run from the Premises onto any adjoining land or allow any waste matter which does not form part of the recovery and/or recycling and/or reprocessing operation or is not part of the final product of such operation to be deposited, kept, held or stored anywhere within the Premises and other areas of EcoPark. The Tenant shall at its own cost(s) have all such matters and all materials arising from recycling activities, chemical materials arising from maintenance of plant and equipment, sewage sludge (from wastewater treatment facilities, if any) and general daily waste from the operation removed from the Premises or any building(s) or structure(s) or any part of any building(s) or structure(s) erected or to be erected thereon in a proper manner to the satisfaction of the Landlord and/or the Director.

Noise Pollution

9. (a) The Tenant shall take all necessary measures as may be required by and to the satisfaction of the Landlord and/or the Director to ensure that the operation of all plant and equipment, installed or used on the Premises or in any building(s) or structure(s) or any part of any building(s) or structure(s) erected or to be erected thereon, will not result, not cause and/or will not contribute any noise (which exists or which is imminent) which disturbs or annoys the residents or occupiers of any adjoining or neighbouring lot or lots or premises, or causes and/or contributes to disturbance to the general public under the Noise Control Ordinance (Cap. 400) any regulations made thereunder and any amending legislation.
- (b) The decision of the Landlord or the Director as to whether any such plant and equipment are causing disturbance or annoyance as aforesaid shall be final and binding on the Tenant.

Landfill Gas Hazard

10. To mitigate landfill gas hazard, the Tenant shall at its own cost(s) comply with, inter alia, Condition 4.13 of the Environmental Permit No. EP-226/2005/A regarding raising clear of the ground all buildings and enclosed structures as specified in inter alia

Condition 3.7 (and comply with the conditions of any updated Permit, amended permit and further permit regarding measures to mitigate hazard to life impact).

EcoPark Being Within the 250m Consultation Zone of Siu Lang Shui Landfill

11. (a) The Tenant acknowledges that the EcoPark is within the 250m Consultation Zone of the Siu Lang Shui Landfill and that the Premises may be affected by problems associated with migrating landfill gas and undertakes to provide suitable precautionary or protection measures at his own expense to control these potential hazards.
- (b) The Tenant shall ensure all personnel entering the Premises and all visitors to the Premises are aware of the potential hazards of the landfill gas by posting suitable warning notices of the potential hazards at his own expense.
- (c) All buildings and enclosed structures, including temporary offices, temporary stores and the administration building, within the 250m Consultation Zone of the Siu Lang Shui Landfill shall be provided with the following measure(s):
 - (i) buildings shall be raised clear of the ground with a clear separation distance (as measured from the highest point on the ground surface to the underside of the lowest floor joist) of at least 500mm; or
 - (ii) a low-gas permeability membrane shall be applied to the surface of any wall or floor slab that rests on or is below ground. A gravel-fill vent system shall be provided such that passive venting is achieved around the perimeter of the structure. In addition, other building materials, such as dense well-compacted concrete or steel shuttering which provide a measure of resistance to gas permeation, shall be used to achieve gas protection.
- (d) The Tenant shall ensure that the electrical equipment used on the Premises shall be intrinsically safe. Welding, flame-cutting or other hot works shall be confined to the open areas of the Premises and shall be at least 15m away from any ground-level confined space.
- (e) No drilling, trenching and excavation shall be allowed on the Premises. During any construction work, the Tenant shall observe the guidelines recommended in Chapter 8 of the "Landfill Gas Hazard Assessment Guidance Note" published by the Department of Environmental Protection. In particular, no smoking, naked

flames and all other sources of ignition shall be allowed within 15m of any ground-level confined space.

Hazard to Life Impact

12. To mitigate hazard to life impact, the Tenant shall comply with, inter alia, Conditions 4.8 to 4.10 of the Environmental Permit No. EP-226/2005/A (and comply with the conditions of any updated Permit, amended permit and further permit regarding measures to mitigate hazard to life impact) and shall not:-
- (a) bring, keep, store or transport chlorine within the Premises and other areas of EcoPark;
 - (b) bring, keep, store, locate or transport dangerous goods, substances and fuels supporting combustion including oxygen, acetylene, hydrogen peroxide, rubber tyres and diesel within 10 metres from the boundary of the site of EcoPark; and
 - (c) exceed the building height restrictions for buildings on the Premises which are on/near the western boundary of the site of EcoPark as mentioned in Annex B to the Environmental Permit No. EP-226/2005/A (including any updated Permit, amended permit and further permit).

Landscape and Visual Impacts

13. To mitigate landscape and visual impacts, the Tenant shall at its own cost(s) comply with, inter alia, Condition 4.14 of the Environmental Permit No. EP-226/2005/A regarding maintaining landscape, planting, treatment and mitigation measures as specified in inter alia Condition 3.8 and Figure 3 (and comply with the conditions of any updated Permit, amended permit and further permit regarding measures to mitigate landscape and visual impacts).

Environmental Permits Relating to EcoPark

14. The Tenant hereby declares, confirms and acknowledges that it is fully aware that, pursuant to the Environmental Impact Assessment Ordinance (Cap.499), the Director has the right to grant, amend or revoke environmental permit(s) or to grant further or amended environmental permit(s) relating to the lots comprising the EcoPark and any other lots but that such right may be challenged by third parties on justifiable grounds. The Tenant hereby undertakes to waive all its rights and remedies for any loss, damages, cost and expenses whatsoever which it may sustain and/or incur directly or

indirectly as a result of the grant, amendment or revocation of the environmental permit(s) or the consequential grant of further or amended environmental permit(s), including but not limited to any right to terminate this Lease and/or to make any claim against the Landlord and/or the Director for any compensation whatsoever.

Appendix 3

Material and Waste Throughputs

Appendix 3.1

Material and Waste Throughputs of the Reporting Quarter

Table A3.1-1 Recycling of Waste Organic Food

Date	Waste Input (tonne)	Product Output (tonne)	Waste Disposal (tonne)
October 2019	649	768	56
November 2019	n/a	n/a	n/a
December 2019	n/a	n/a	n/a

Table A3.1-2 Recycling of Waste Ferrous Metals

Date	Waste Input (tonne)	Product Output (tonne)	Waste Disposal (tonne)
October 2019	12,104	15,590	72
November 2019	10,834	7,950	73
December 2019	n/a	n/a	n/a

Table A3.1-3 Recycling of Waste Wood

Date	Waste Input (tonne)	Product Output (tonne)	Waste Disposal (tonne)
October 2019	89	47	-
November 2019	109	21	-
December 2019	n/a	n/a	n/a

Table A3.1-4 Recycling of Waste Electronics

Date	Waste Input (tonne)	Product Output (tonne)	Waste Disposal (tonne)
October 2019	2,180	1,894	245
November 2019	1,649	1,477	195
December 2019	n/a	n/a	n/a

Table A3.1-5 Recycling of Waste Plastics

Date	Waste Input (tonne)	Product Output (tonne)	Waste Disposal (tonne)
October 2019	363	390	-
November 2019	209	221	-
December 2019	n/a	n/a	n/a

Table A3.1-6 Recycling of Waste Glass and Construction Waste

Date	Waste Input (tonne)		Product Output ⁽⁴⁾ (tonne)	Waste Disposal ⁽⁴⁾ (tonne)
	Construction Waste	Glass		
October 2019	0	340	5,198	9
November 2019	327	423	4,810	5
December 2019	n/a	n/a	n/a	n/a

Table A3.1-7 Recycling of Waste Rubber Tyres

Date	Waste Input (tonne)	Product Output (tonne)	Waste Disposal (tonne)
October 2019	n/a	n/a	n/a
November 2019	n/a	n/a	n/a
December 2019	n/a	n/a	n/a

Notes:

- 1) The throughput data presented in Tables A3.1-1 to A3.1-7 has been rounded off to the nearest whole tonne for presentation.
- 2) The total product output may not be the same as the waste input due to processing of materials that were received before the reporting quarter and were stored within the lots.
- 3) Waste disposal refers to the disposal of general refuse (i.e. packaging) and/or chemical waste.
- 4) Since the recycling of waste glass and construction waste is combined to produce concrete block at K.Wah, the product output and waste disposal from both processes are combined.
- 5) The presented throughput is the best available data.
- 6) “-” in the column of waste disposal denotes zero quantity; while “n/a” denotes unavailable information.

Appendix 3.2

Updates of Previously-Reported Material and Waste Throughputs

Table A3.2-1 Recycling of Waste Organic Food

Date	Waste Input (tonne)	Product Output (tonne)	Waste Disposal (tonne)
August 2019	802*	689*	584*
September 2019	574*	646*	50*

Table A3.2-2 Recycling of Waste Ferrous Metals

Date	Waste Input (tonne)	Product Output (tonne)	Waste Disposal (tonne)
September 2019	10,309*	7,180*	65*

Table A3.2-3 Recycling of Waste Wood

Date	Waste Input (tonne)	Product Output (tonne)	Waste Disposal (tonne)
September 2019	128*	1*	_*

Table A3.2-4 Recycling of Waste Electronics

Date	Waste Input (tonne)	Product Output (tonne)	Waste Disposal (tonne)
August 2019	2439*	2180*	305*
September 2019	2332*	2025*	247*

Table A3.2-5 Recycling of Waste Plastics

Date	Waste Input (tonne)	Product Output (tonne)	Waste Disposal (tonne)
September 2019	367*	437*	_*

Table A3.2-6 Recycling of Waste Glass and Construction Waste

Date	Waste Input (tonne)		Product Output ⁽⁴⁾ (tonne)	Waste Disposal ⁽⁴⁾ (tonne)
	Construction Waste	Glass		
January 2019	147	24	6998	3*
February 2019	0	28	4724	8*
September 2019	75*	339*	6,415*	6*

Table A3.2-7 Recycling of Waste Rubber Tyres

Date	Waste Input (tonne)	Product Output (tonne)	Waste Disposal (tonne)
April 2019	104*	72*	_*
July 2019	88*	42*	_*
August 2019	76*	48*	_*

September 2019	61*	56*	_*
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Notes:

- 1) The throughput data in Tables A3.2-1 to A3.2-6 supersede the same batch of the throughput data in previous Quarterly Environmental Monitoring & Audit Reports. The presented data has been rounded off to the nearest whole tonne for presentation.
- 2) The total product output may not be the same as the waste input due to processing of materials that were received before the reporting quarter and were stored within the lots.
- 3) Waste disposal refers to the disposal of general refuse (i.e. packaging) and/or chemical waste.
- 4) Since the recycling of waste glass and construction waste is combined to produce concrete block at K.Wah, the product output and waste disposal from both processes are combined.
- 5) “-” in the column of waste disposal denotes zero quantity; while “n/a” denotes unavailable information.
- 6) The throughput data marked with “*” have been revised with updated data since submission of previous quarterly EM&A report (Jul – Sep 2019).

Appendix 4

Calibration Certificate of Infrared Gas Analyser

REPORT ON CALIBRATION OF INFRA RED GAS ANALYSER

Client : Fugro Technical Services Limited

Sample description : One sample of Infra Red Gas Analyser (GA5000)

Sample identification : E / 084 / 2

Serial number : G501982

Test required : Calibration

Date of calibration : 02/11/2019

Next calibration date : 01/05/2020

Method used : In-house method (Comparison with Standard Gas)

Results :

Parameters	Standard Gas Concentration, % volume	Infra Red Gas Analyser Reading, % volume	Deviation, % volume
Methane (CH ₄)	1.00	0.9	-0.1
Carbon dioxide (CO ₂)	1.00	1.8	0.8
Oxygen (O ₂)	15.83	15.8	- 0.03

Calibrated by : C. F. Leung

Certified by :

Approved Signatory : Raymond K. F. Wong
Manager – Chemistry Department

Date

** End of Report **

Note : This report refers only to the sample(s) tested.

Appendix 5

Laboratory Test Report and Graphical Plots of LFG Monitoring

Quarterly Landfill Gas Monitoring Results

Monitoring Station ID	Monitoring Locations	Date	Weather Conditions	Temperature (°C)	Start Time	End Time	Measurement Results					Action Level			Limit Level			Remarks
							Methane		Oxygen	Carbon Dioxide	Barometric Pressure	Methane	Oxygen	Carbon Dioxide	Methane	Oxygen	Carbon Dioxide	
							% v/v	% LEL	% v/v	% v/v	mBar (absolute)	% LEL	% v/v	% v/v	% LEL	% v/v	% v/v	
EP1-1	Inside the landscaping area of Administration Building	23 Dec 2019	Fine	20	9:43	9:45	0.2	4	19.7	< 0.1	1021	> 10	< 19	> 0.5	> 20	< 18	> 1.5	Nil
EP1-2	PCCW below-ground chamber outside Lot T1	30 Dec 2019	Fine	21	10:02	10:04	0.2	4	19.9	< 0.1	1023							Nil
EP1-3	HGC Broadband below-ground chamber outside Lot T3	23 Dec 2019	Sunny	20	10:03	10:05	0.1	2	19.9	< 0.1	1021							Nil
EP2-1	HGC Broadband below-ground chamber outside Lot P1	23 Dec 2019	Fine	20	9:50	9:52	0.2	4	19.9	< 0.1	1021							Nil
EP2-2	HGC Broadband below-ground chamber outside Lot P3	23 Dec 2019	Fine	20	9:55	9:57	0.2	4	19.5	0.2	1021							Nil

Notes:

- (1) Underlined figure indicates an exceedance of Action Level
- (2) Shaded area indicates an exceedance of Limit Level

EP1-1

Date	Methane (% LEL)			Oxygen (% v/v)			Carbon Dioxide (% v/v)			Barometric Pressure (mBar)
	Measurement	Action Level	Limit Level	Measurement	Action Level	Limit Level	Measurement	Action Level	Limit Level	Measurement
19 Mar 2019	0	10	20	20.5	19	18	0.2	0.5	1.5	1020
17 Jun 2019	2	10	20	20.0	19	18	0.5	0.5	1.5	1010
18 Sep 2019	2	10	20	20.5	19	18	< 0.1	0.5	1.5	1015
23 Dec 2019	4	10	20	19.7	19	18	< 0.1	0.5	1.5	1021

EP1-2

Date	Methane (% LEL)			Oxygen (% v/v)			Carbon Dioxide (% v/v)			Barometric Pressure (mBar)
	Measurement	Action Level	Limit Level	Measurement	Action Level	Limit Level	Measurement	Action Level	Limit Level	Measurement
19 Mar 2019	0	10	20	20.4	19	18	< 0.1	0.5	1.5	1020
17 Jun 2019	0	10	20	19.6	19	18	< 0.1	0.5	1.5	1010
18 Sep 2019	0	10	20	19.9	19	18	< 0.1	0.5	1.5	1015
30 Dec 2019	4	10	20	19.9	19	18	< 0.1	0.5	1.5	1023

EP1-3

Date	Methane (% LEL)			Oxygen (% v/v)			Carbon Dioxide (% v/v)			Barometric Pressure (mBar)
	Measurement	Action Level	Limit Level	Measurement	Action Level	Limit Level	Measurement	Action Level	Limit Level	Measurement
19 Mar 2019	0	10	20	20.6	19	18	< 0.1	0.5	1.5	1020
17 Jun 2019	0	10	20	19.7	19	18	< 0.1	0.5	1.5	1010
18 Sep 2019	0	10	20	19.9	19	18	< 0.1	0.5	1.5	1015
23 Dec 2019	2	10	20	19.9	19	18	< 0.1	0.5	1.5	1021

EP2-1

Date	Methane (% LEL)			Oxygen (% v/v)			Carbon Dioxide (% v/v)			Barometric Pressure (mBar)
	Measurement	Action Level	Limit Level	Measurement	Action Level	Limit Level	Measurement	Action Level	Limit Level	Measurement
19 Mar 2019	0	10	20	19.9	19	18	0.6	0.5	1.5	1020
19 Mar 2019*	0	10	20	20.6	19	18	< 0.1	0.5	1.5	1020
17 Jun 2019	2	10	20	20.3	19	18	< 0.1	0.5	1.5	1010
18 Sep 2019	2	10	20	20.0	19	18	0.3	0.5	1.5	1015
23 Dec 2019	4	10	20	19.9	19	18	< 0.1	0.5	1.5	1021

EP2-2

Date	Methane (% LEL)			Oxygen (% v/v)			Carbon Dioxide (% v/v)			Barometric Pressure (mBar)
	Measurement	Action Level	Limit Level	Measurement	Action Level	Limit Level	Measurement	Action Level	Limit Level	Measurement
19 Mar 2019	0	10	20	20.4	19	18	< 0.1	0.5	1.5	1020
17 Jun 2019	0	10	20	19.3	19	18	0.6	0.5	1.5	1010
17 Jun 2019*	0	10	20	19.9	19	18	< 0.1	0.5	1.5	1010
18 Sep 2019	0	10	20	20.0	19	18	< 0.1	0.5	1.5	1015
23 Dec 2019	4	10	20	19.5	19	18	0.2	0.5	1.5	1021

* Re-measurement was carried out after the initial measurement to confirm the rectification of exceedance after ventilation enhancement.

Report No. : 183114EN200048



Page 1 of 1

Test Report on Landfill Monitoring
Information Supplied by Client

Client : Allied Environmental Consultants Ltd.

Client's address : 19/F, Kwan Chart Tower, 6 Tonnochy Road,
Wan Chai, Hong Kong

Project : Landfill Gas Monitoring at Eco Park, Tuen Mun

Sample description : Five samples of gas

Sampling location : EP1-1 Inside the Landscaping area of Administration Building
EP1-2 PCCW underground chamber outside Lot T1
EP1-3 HGC Broadband underground chamber outside Lot T3
EP2-1 HGC Broadband underground chamber outside Lot P1
EP2-2 HGC Broadband underground chamber outside Lot P3

Test required : For all locations –
In-situ measurement of methane, carbon dioxide, oxygen and
barometric pressure

Laboratory Information

Date of in-situ testing : 23/12/2019 for location EP1-1, EP1-3, EP2-1 and EP2-2
30/12/2019 for location EP1-2

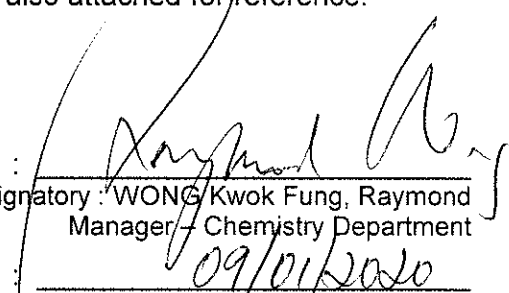
Test method used : Measured by Infra Red Gas Analyser GA5000

Results :

Sampling location	Sampling time	Barometric pressure, mbar	Methane		Carbon dioxide, %v/v	Oxygen, %v/v
			%v/v	%LEL		
EP1-1	09:43	1021	0.2	4	<0.1	19.7
EP1-2	10:02	1023	0.2	4	<0.1	19.9
EP1-3	10:03	1021	0.1	2	<0.1	19.9
EP2-1	09:50	1021	0.2	4	<0.1	19.9
EP2-2	09:55	1021	0.2	4	0.2	19.5

Remarks : 1. A calibration certificate of the monitoring equipment is attached for reference.
2. A layout plan showing the sampling location is also attached for reference.

Supervised by : C.H. Chiu

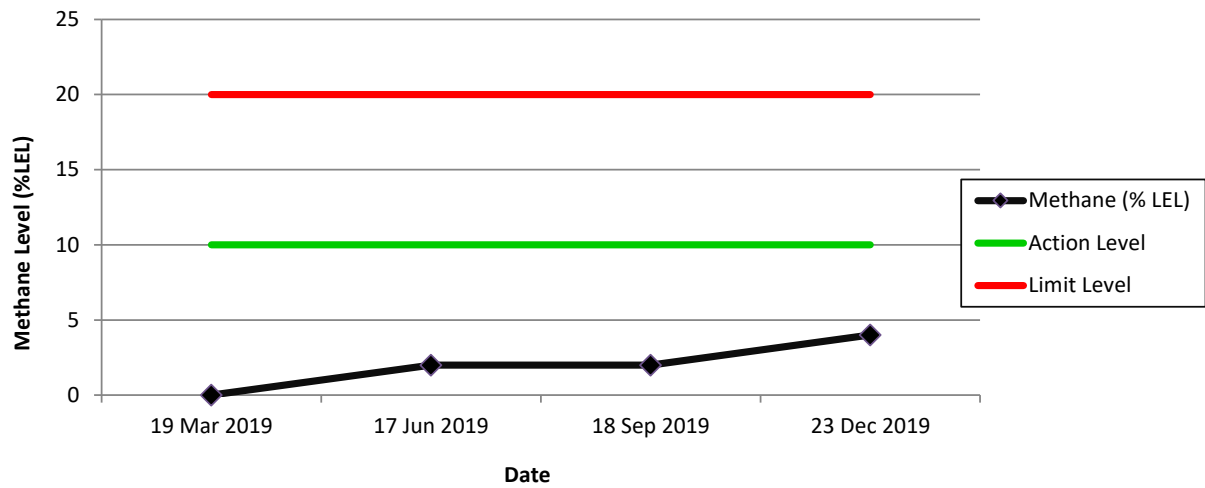
Certified by : 
Approved Signatory : WONG Kwok Fung, Raymond
Manager - Chemistry Department

Date : 09/01/2020

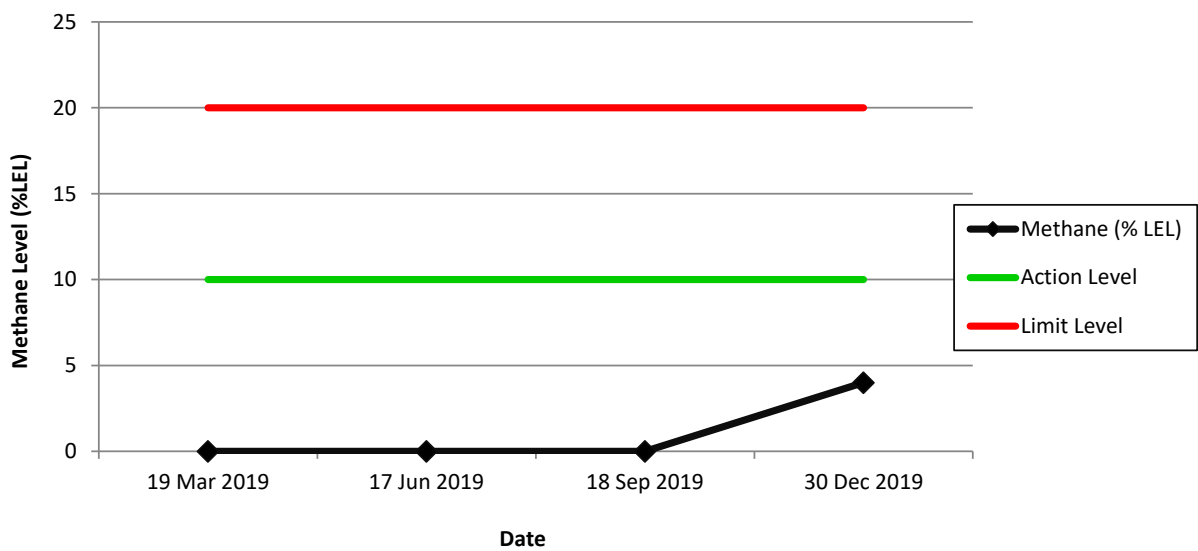
** End of Report **

Note : This report refers only to the sample(s) tested.

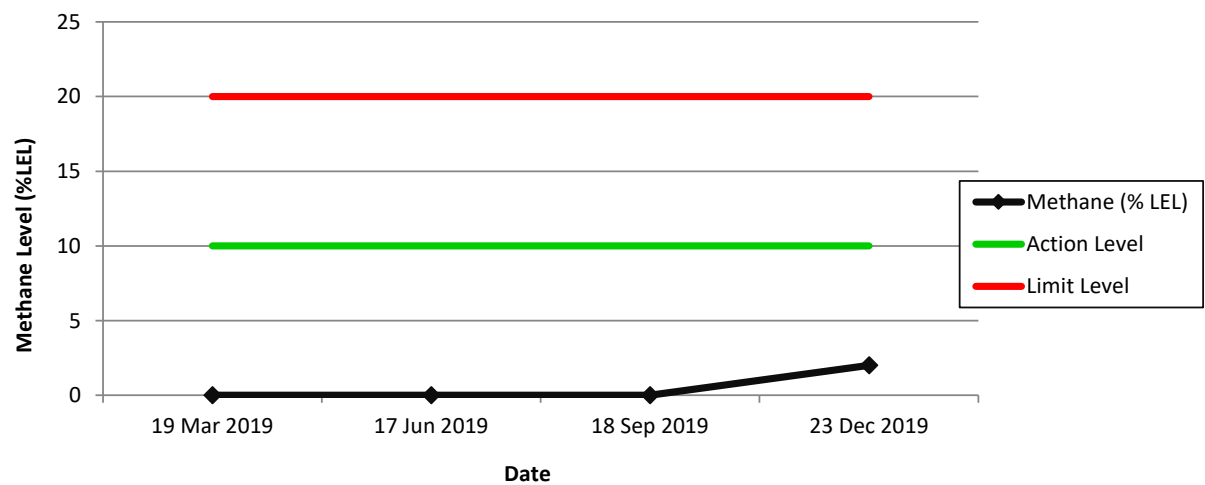
Measured Methane Level (%LEL) at EP1-1

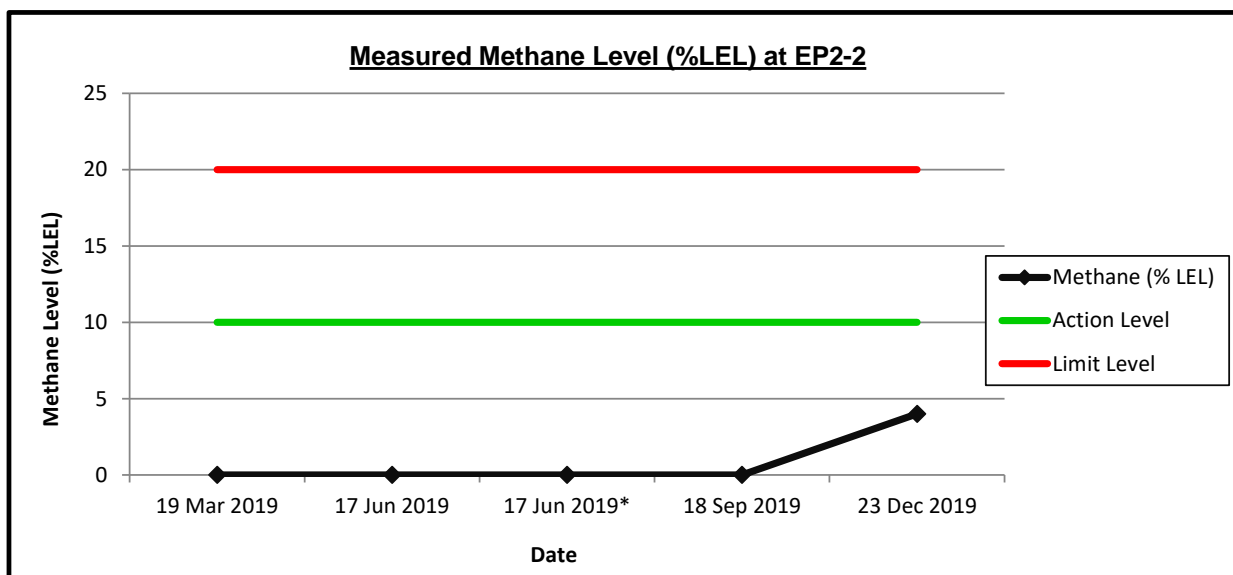
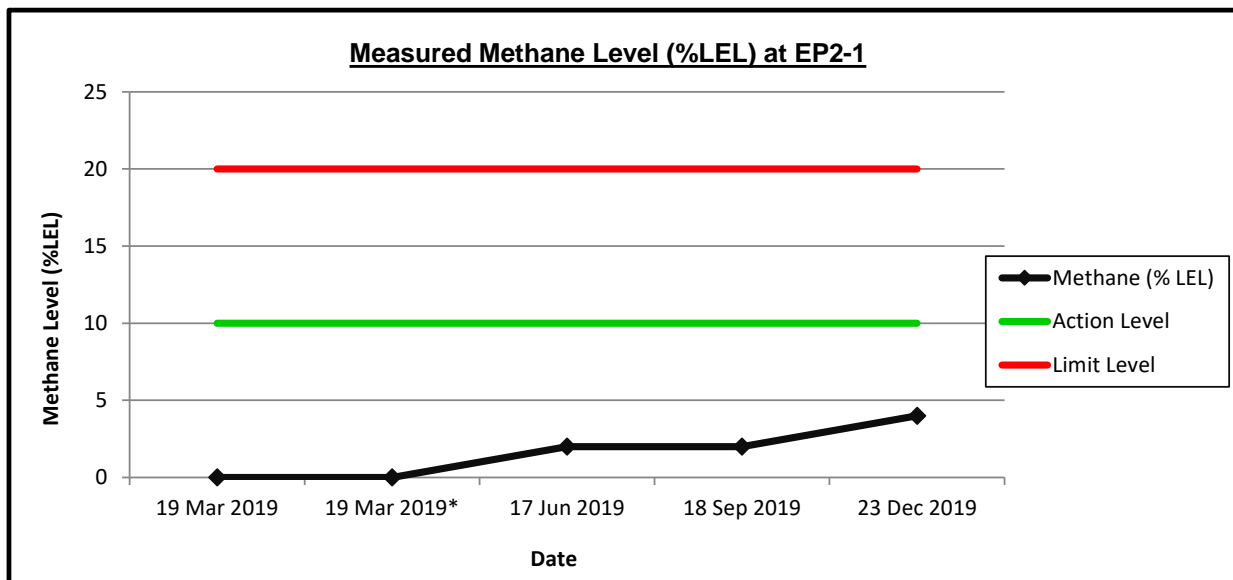


Measured Methane Level (%LEL) at EP1-2



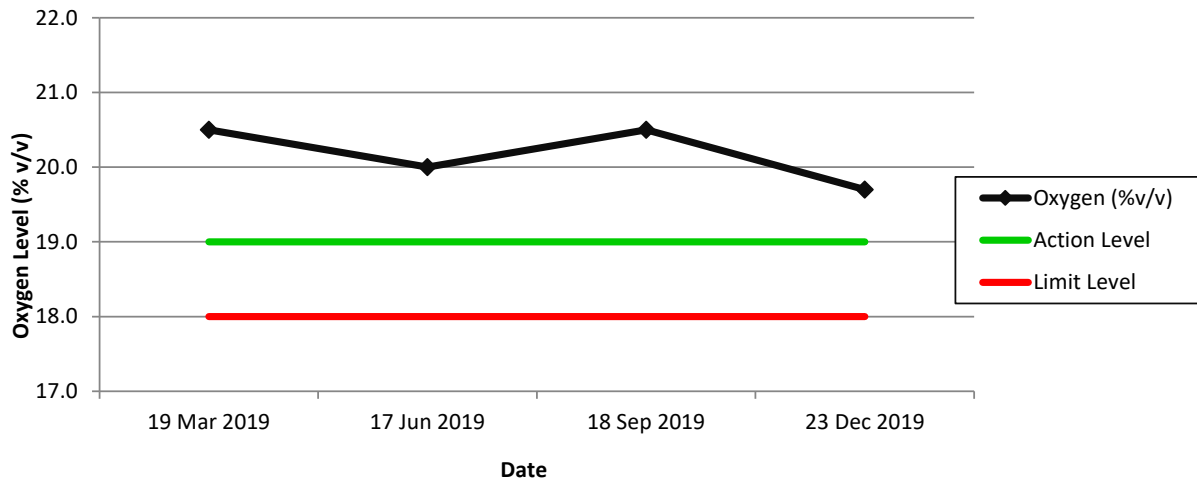
Measured Methane Level (%LEL) at EP1-3



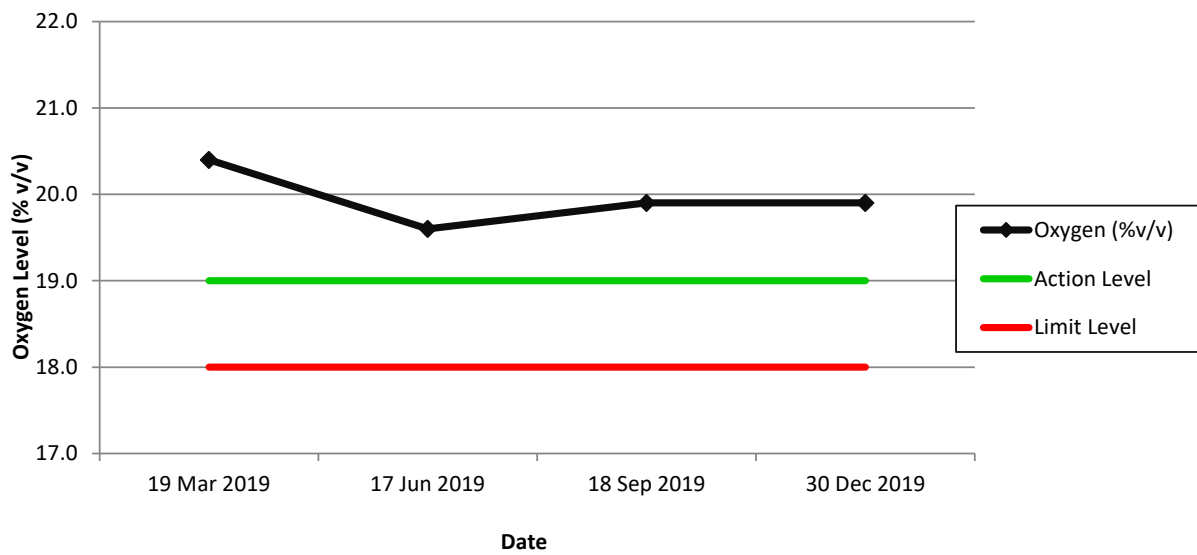


* Re-measurement was carried out after the initial measurement to confirm the rectification of exceedance after ventilation enhancement.

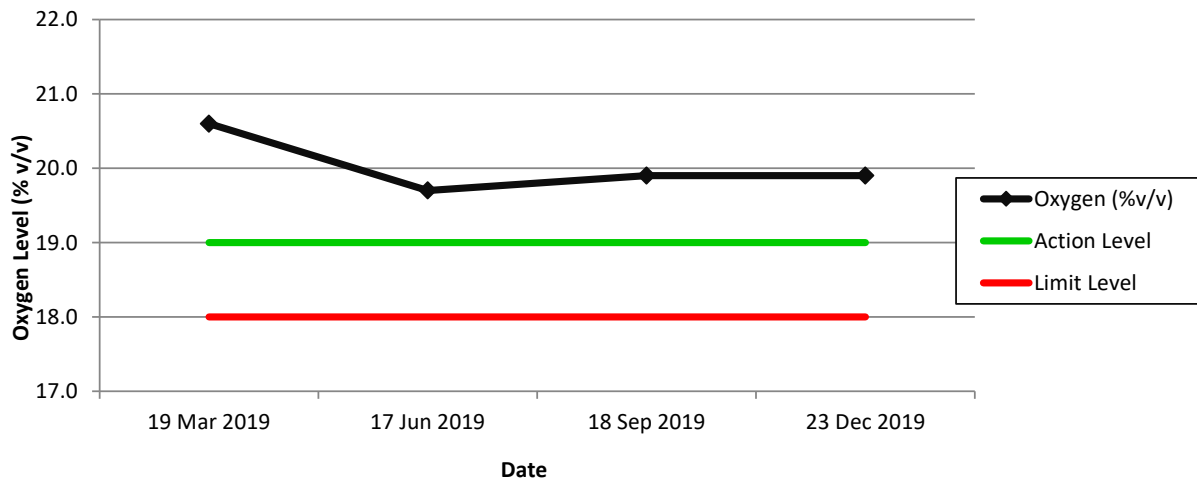
Measured Oxygen Level (%v/v) at EP1-1

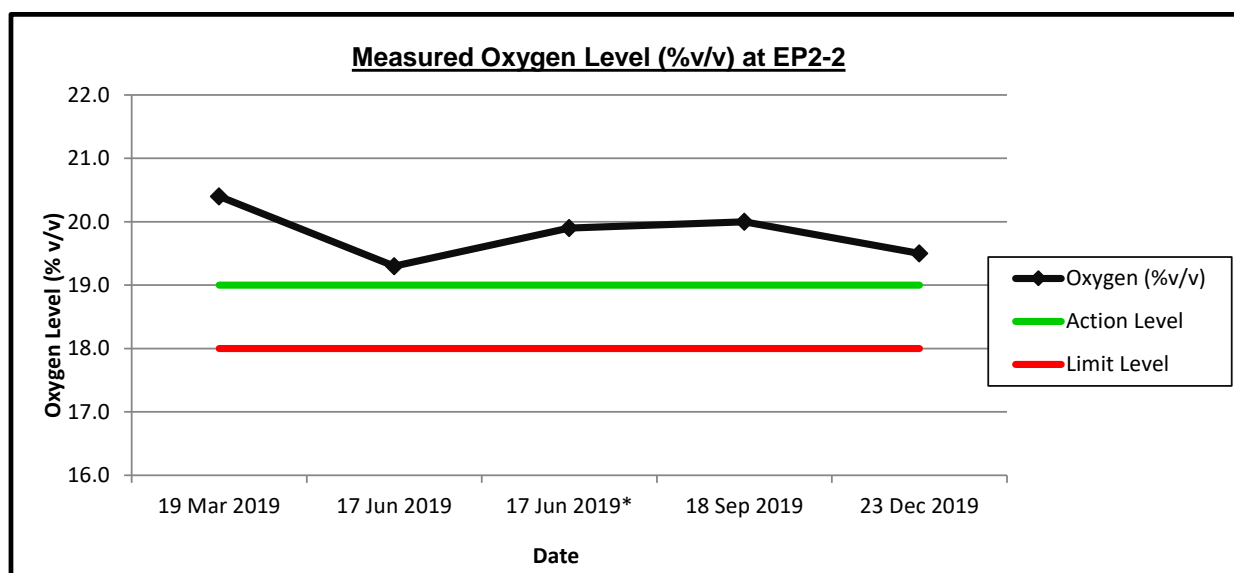
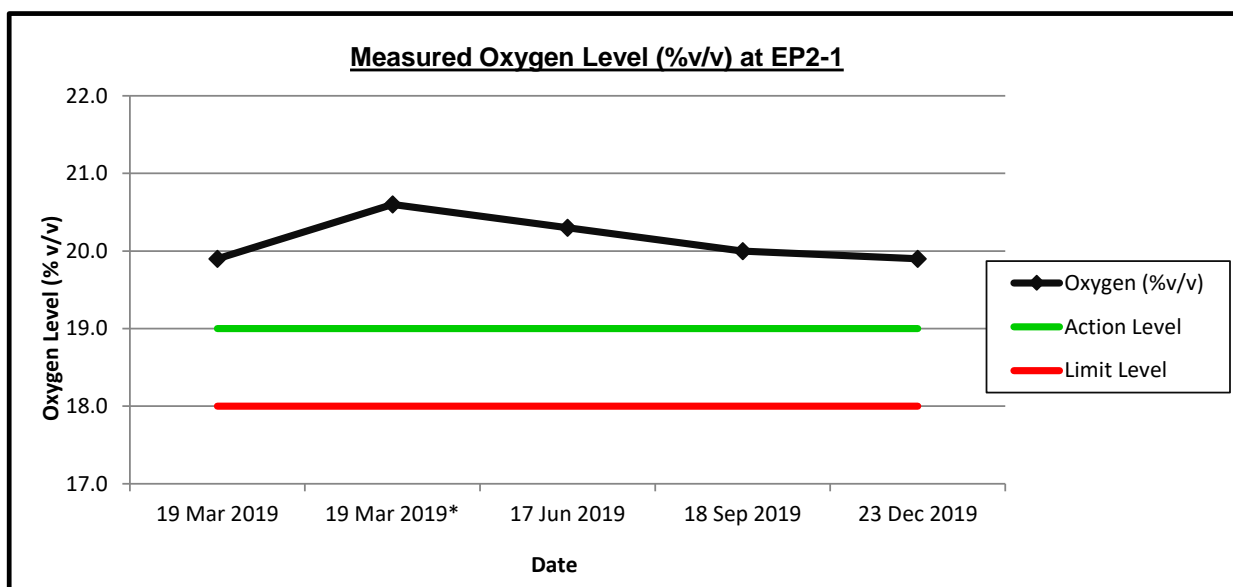


Measured Oxygen Level (%v/v) at EP1-2

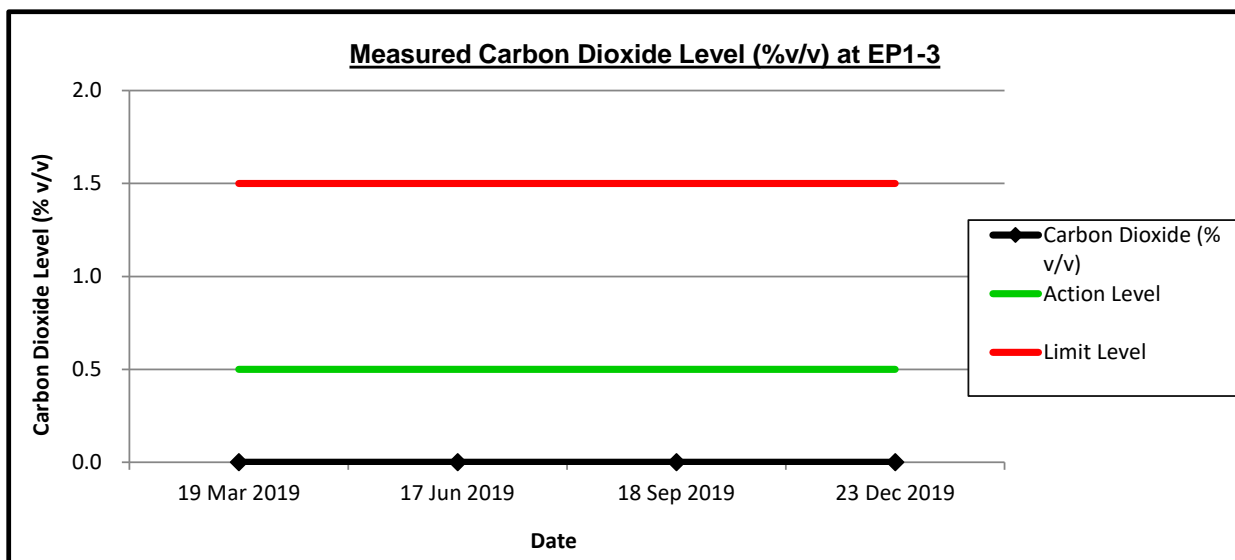
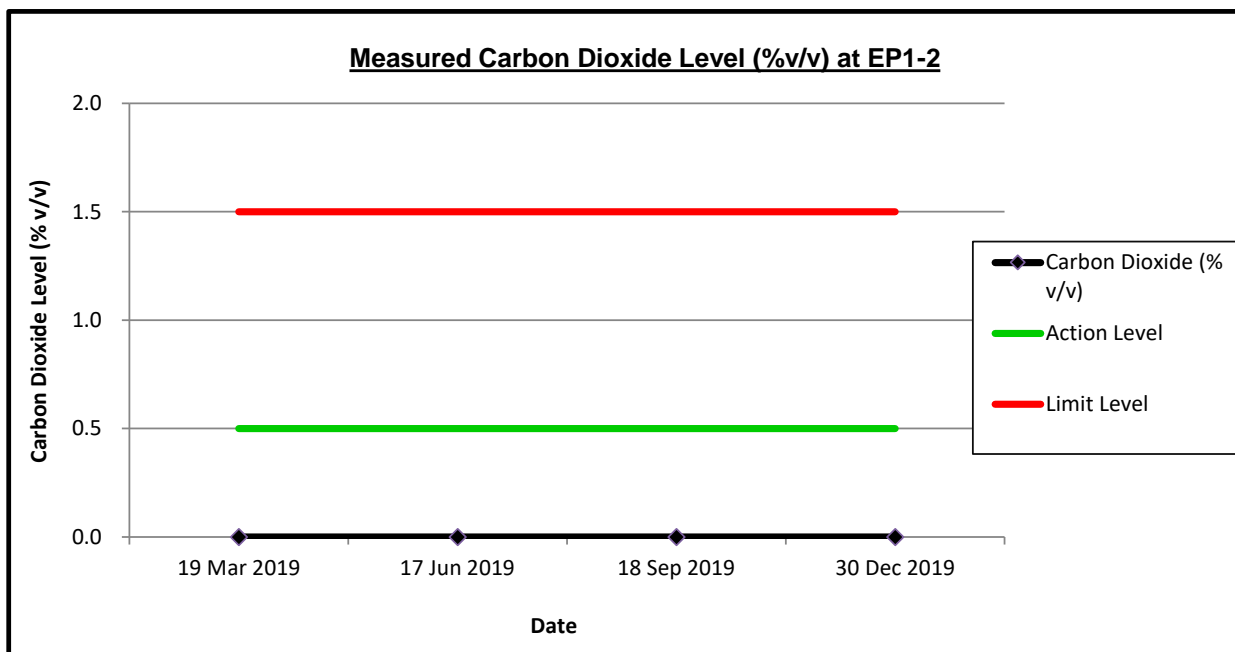
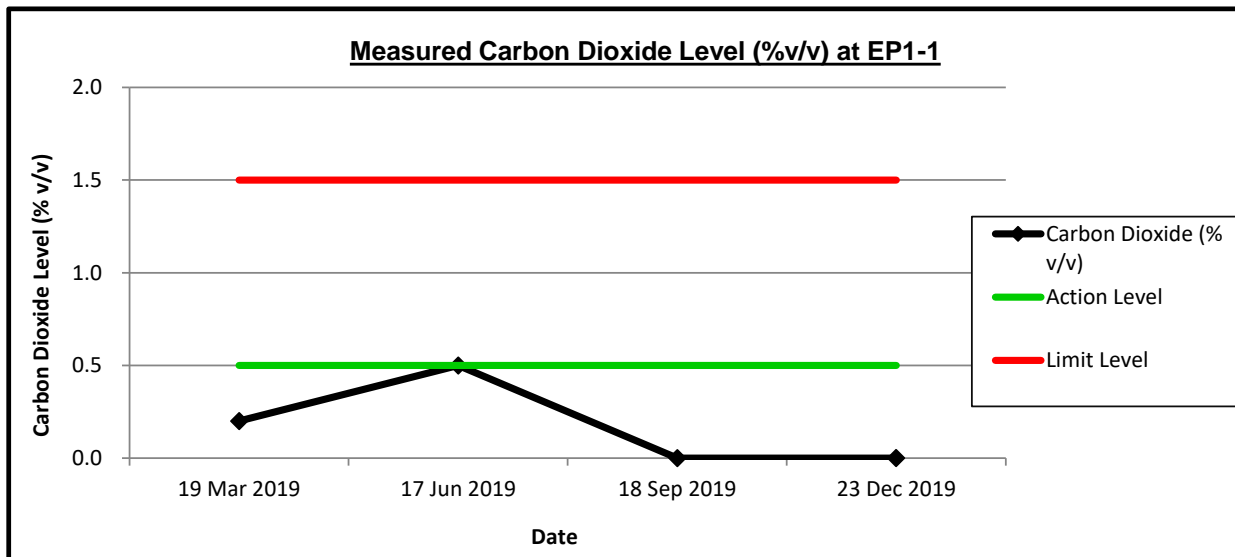


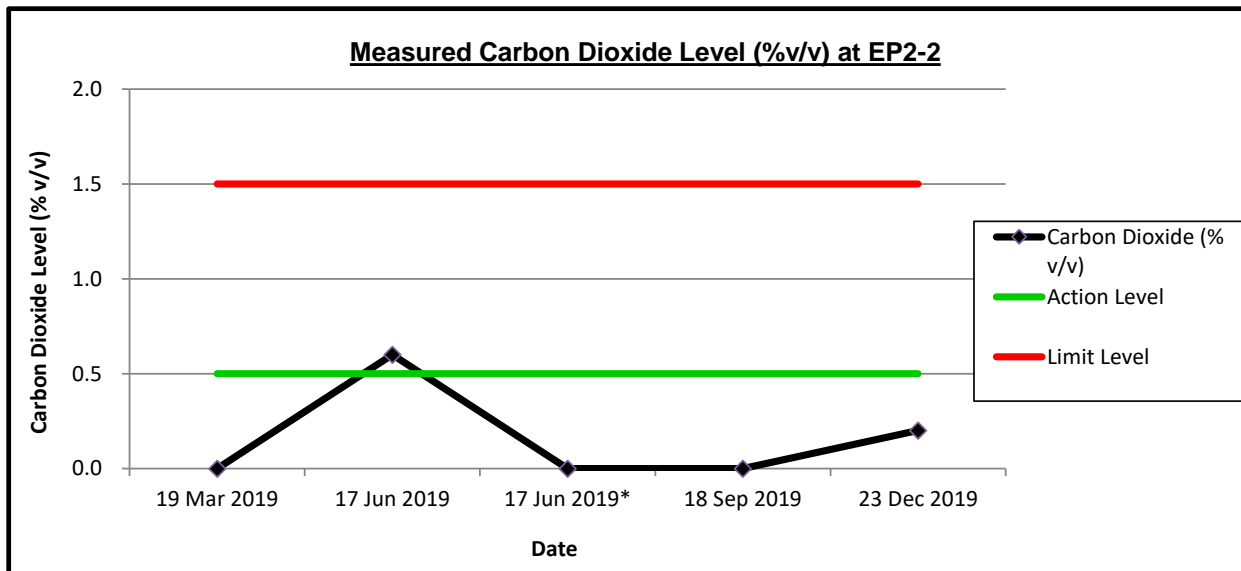
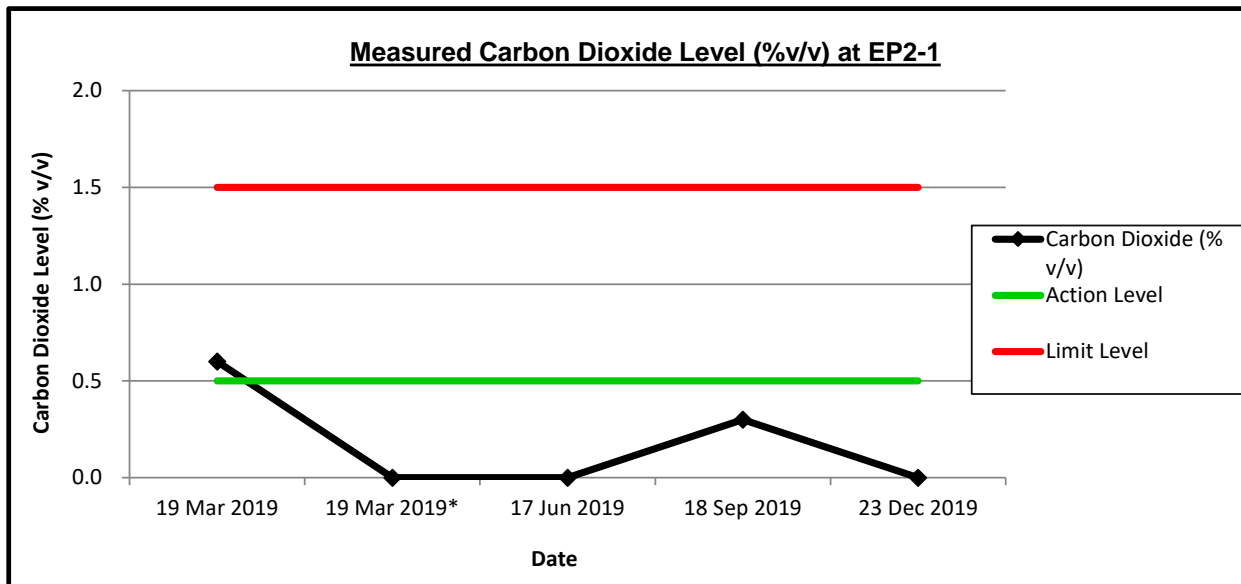
Measured Oxygen Level (%v/v) at EP1-3





* Re-measurement was carried out after the initial measurement to confirm the rectification of exceedance after ventilation enhancement.

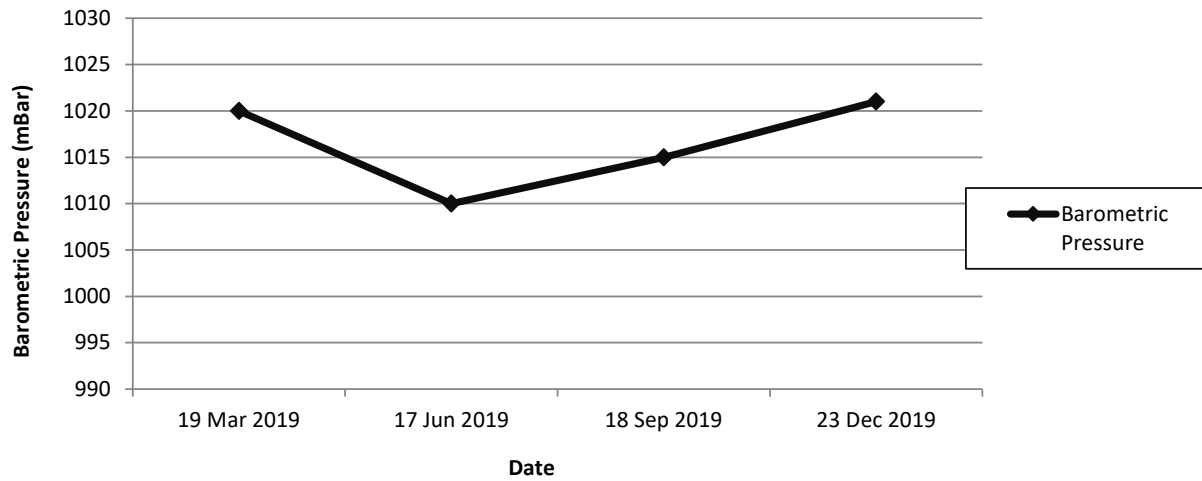




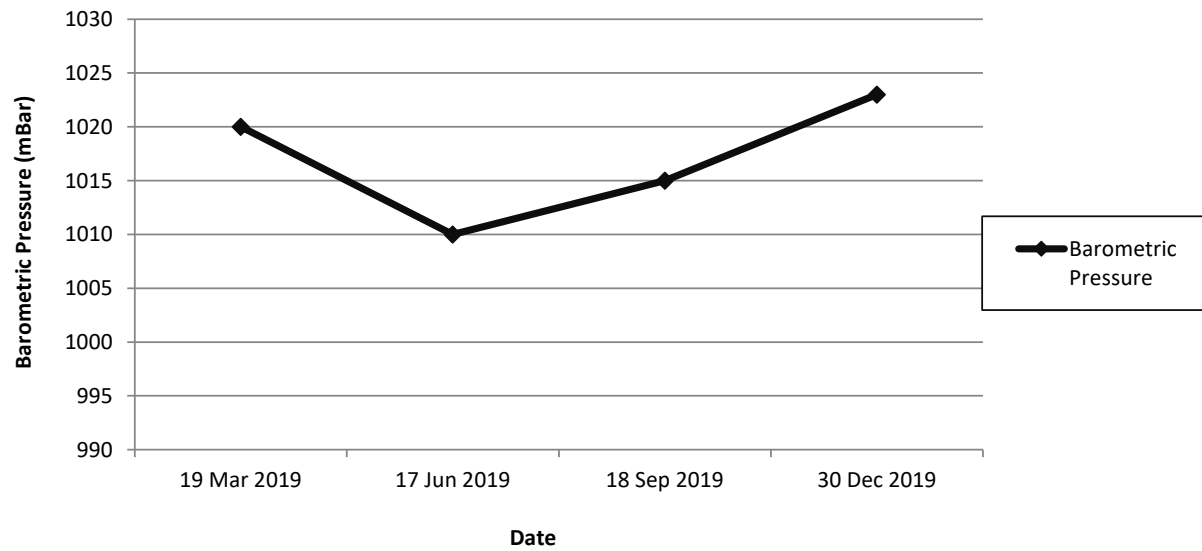
* Re-measurement was carried out after the initial measurement to confirm the rectification of exceedance after ventilation enhancement.

Remark: All <0.1%v/v for carbon dioxide is regarded as 0.0%v/v in graphical presentation

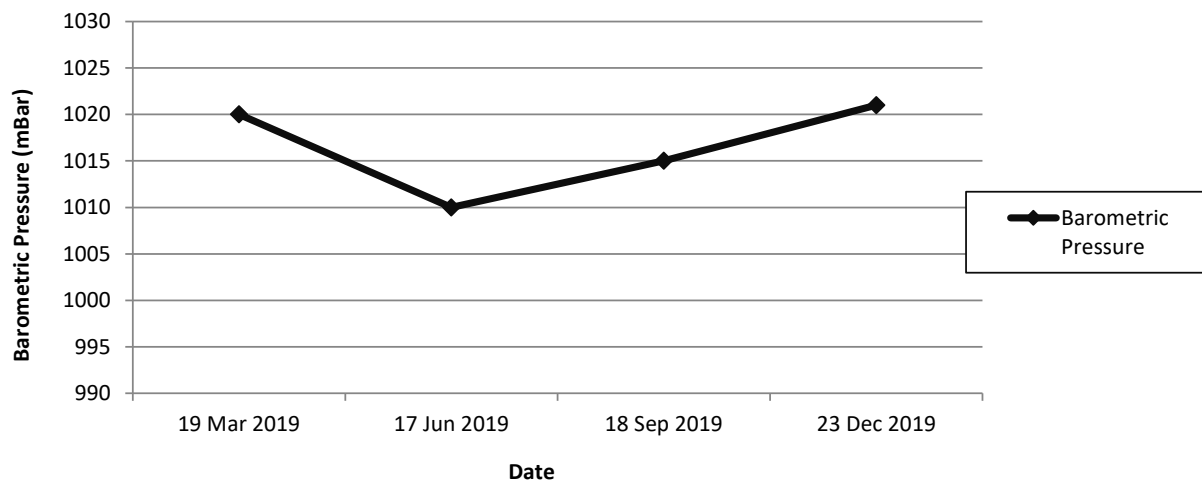
Measured Barometric Pressure (mBar) at EP1-1

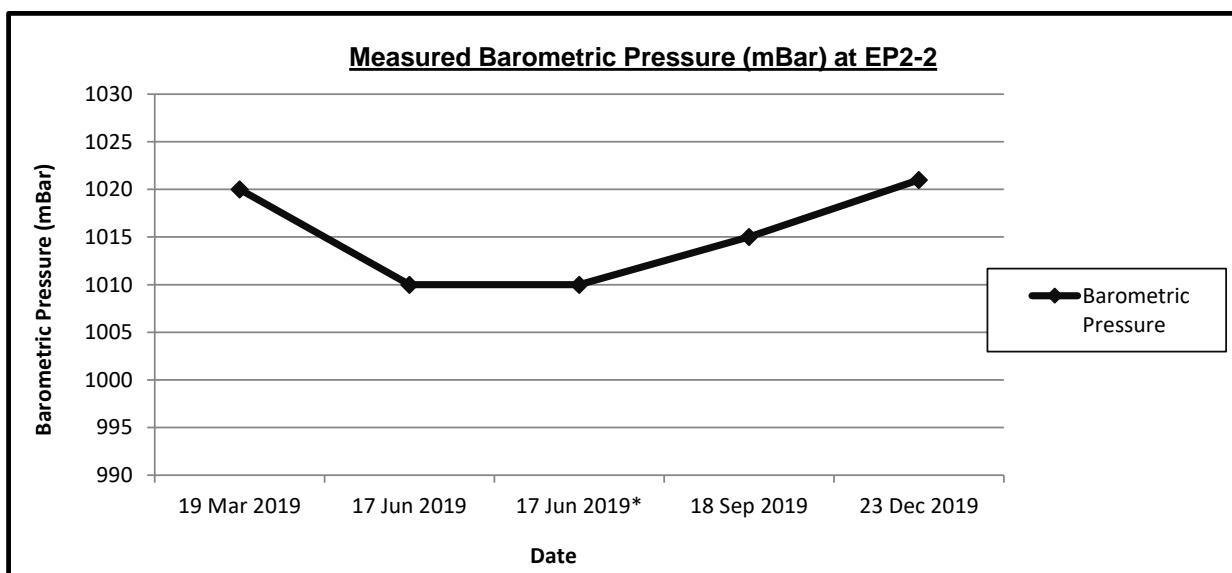
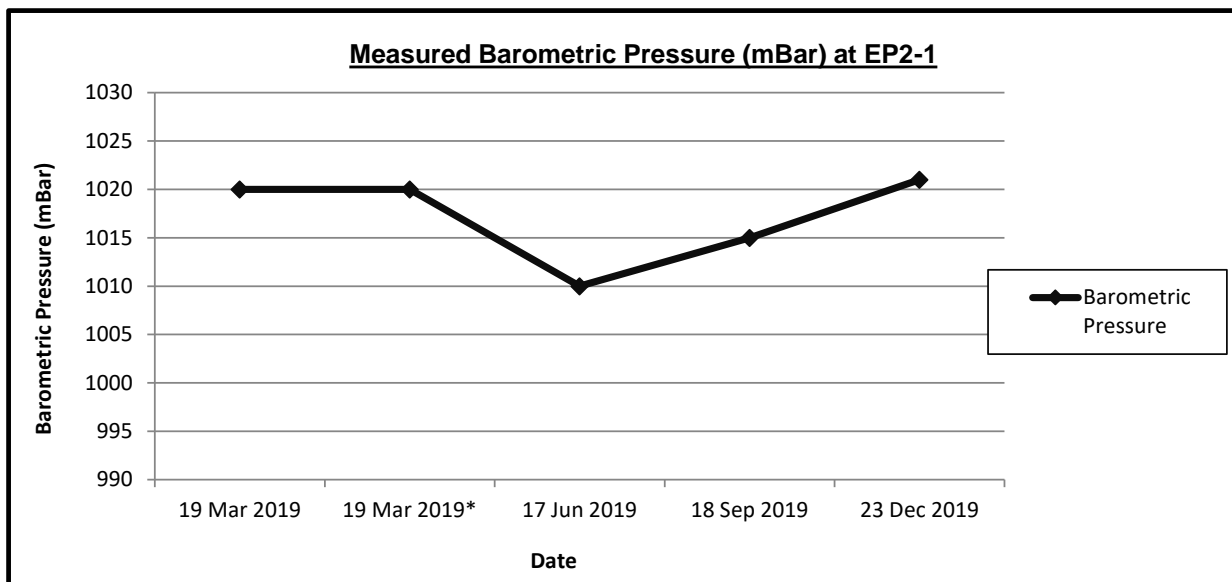


Measured Barometric Pressure (mBar) at EP1-2



Measured Barometric Pressure (mBar) at EP1-3





* Re-measurement was carried out after the initial measurement to confirm the rectification of exceedance after ventilation enhancement.

Appendix 6

Tenant-specific Audit Checklists for the Reporting Quarter

Appendix 6.1

Tenant-specific Audit Checklists for the Reporting Quarter Champway Technology Co Ltd

SITE INSPECTION CHECKLIST

Inspection Date: 2019/10/22

Time: 10:10

Inspected by: Cindy KWOK, Sam CHAN

Lot Number: T5

Tenant: Champway

Weather

Condition: ☐ Sunny ☒ Fine ☐ Overcast ☐ Drizzle ☐ Rain ☐ Storm ☐ Hazy
 Temperature: 25 °C Humidity: ☐ High ☒ Moderate ☐ Low
 Wind: ☒ Calm ☐ Light ☐ Breeze ☐ Strong

1. General

	N/A	Yes	No	Remarks
1.1 Environmental Permit (EP) for Tenant displayed at entrances/exits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EP for tenant is not required
1.2 Environmental Policy documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's Environmental Policy is followed
1.3 Environmental Management Plan (EMP) kept up-to-date?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's EMP is followed
1.4 Emergency Response Plan (ERP) documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's ERP is followed
1.5 All recycling processes in operation have been approved by WRG of EPD?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6 Any record of complaint or prosecution?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The new discharge licence is under processing by EPD
a) Sampling record available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sampling report (Oct 2019)
b) Monitoring frequency met the licence requirement?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	New Observation (6)
c) Monitoring result comply with the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	via Grease Trap
a) Adequate capacity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	New Observation (2) & (3)
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Petrol interceptor is provided

SITE INSPECTION CHECKLIST

2.13 Drainage from maintenance area discharged via oil interceptor?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Oil and grease removed regularly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dusty stockpile is observed
2.17 Measures to prevent the washing away of sand/silt to drains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No sand/silt is generated from the recycling process

3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Valid from Feb 2018 to Feb 2023
a) SP Licence conditions/ monitoring requirements comply?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Quarterly reporting on quantity of raw material and product (up May - Jul 2019)
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No loading/unloading of dusty materials is observed
3.4 Dust monitoring record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dust-generating activity is observed
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.11 Air pollution control system properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Regular replacement of activated carbon filter
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

SITE INSPECTION CHECKLIST

- 3.16 Truck loads to a level within the side and tail boards? ☒ ☐ ☐ Not observed
- 3.17 Stockpiles of dusty materials covered or regularly watered? ☒ ☐ ☐ No stockpile of dusty material is observed
- 3.18 Major dust source(s): ☐ Wind erosion ☐ Vehicle/equipment movement
- ☐ Loading/unloading of materials ☒ Others: n/a

4. Waste / Chemical ManagementGeneral

- | | N/A | Yes | No | Remarks |
|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------|
| 4.1 Registered as chemical waste producer? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.2 Sufficient receptacles (e.g. rubbish bins) available? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.3 Disposed of regularly and properly? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | New Observation (1) & (2) |
| 4.4 Sorting of materials on-site for reuse or disposal to designated outlet? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.5 Records of quantities of waste generated, recycled and disposed properly kept? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Verified via quarterly report |
| 4.6 Collection of sludge by licensed collector at regular intervals? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Not observed |

Packaging of Chemical Waste

- | | | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|---|
| 4.7 Stored in suitable container? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.8 Container properly closed or sealed? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.9 Spillage cleaned up immediately through the use of absorbent? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Follow-up Observation (2),
New observation (4) & (5) |
| 4.10 Obtained approval for the use of chemical waste container >450L? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

Labelling of Chemical Waste

- | | | | | |
|--|--------------------------|-------------------------------------|--------------------------|---------------------------|
| 4.11 Provision of chemical waste label? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Follow-up Observation (1) |
| a) Label is securely attached and visible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Follow-up Observation (1) |
| b) Label is bilingual and in proper dimension? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Follow-up Observation (1) |
| c) Information is accurate and sufficient? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Follow-up Observation (1) |

Storage of Chemical Waste

- | | | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|---------------------------|
| 4.12 Proper "Chemical Waste" sign displayed? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Follow-up Observation (1) |
| 4.13 Incompatible wastes separated by impermeable partition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.16 Properly stored and locked in designated area with adequate ventilation? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.17 Storage area paved with concrete and kept clean and dry? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.18 Cover provided for outdoor storage area? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.19 Chemical waste collected by licensed collector? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Not observed |

Liquid Chemical Storage

- | | | | | |
|--|--------------------------|-------------------------------------|--------------------------|--|
| 4.20 Storage area provided with permeation-proof floor or surface? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |

4.22 Walls or partitions of stacked container storage area constructed of impermeable material? ☒ ☐ ☐ _____

5. Landfill Gas (LFG) (within LFG Consultation Zone)

N/A Yes No Remarks

5.1 Alert workers and visitors of possible LFG hazards? ☒ ☐ ☐ Outside LFG consultation zone

5.2 Smoking and open fires prohibited? ☐ ☒ ☐ _____

6. Others

N/A Yes No Remarks

6.1 Works confined within lot boundaries? ☐ ☒ ☐ _____

6.2 Damage to surrounding areas avoided? ☐ ☒ ☐ _____

6.3 Site lighting designed to avoid glare to surrounding receivers? ☒ ☐ ☐ _____

6.4 Materials and machinery stored in an orderly manner? ☐ ☒ ☐ _____

6.5 Areas within lot for recycling activities paved with concrete? ☐ ☒ ☐ _____

6.6 Potential stagnant pools cleared and mosquito breeding prevented? ☐ ☒ ☐ _____

6.7 Valid calibration certificate for any monitoring equipment? ☒ ☐ ☐ _____

6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods? ☐ ☒ ☐ _____

a) Storage area in compliance with the approved plan? ☒ ☐ ☐ Subject to tenant's information provision

b) Storage area is securely locked? ☐ ☒ ☐ _____

c) Total storage capacity in compliance with relevant statutory requirement? ☒ ☐ ☐ _____

d) Proper labelling provided? ☐ ☒ ☐ _____

e) Dangerous goods properly packaged? ☒ ☐ ☐ _____

Remarks:**Follow-up from Previous Audits**

- 1) Chemical waste labels were found on chemical containers. However, the chemical waste storage area was observed without a proper signage in Chinese characters. The Contractor should observe the requirements and rectify in accordance with Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes. The status will be reviewed in next inspection.



(Observed on 18 Sep 2019)



(Observed on 22 Oct 2019)



(Observed on 22 Oct 2019)

- 2) Oil spillage was observed under the filter press system. The tenant should clean up the oil spillage and ensure the container positioned properly underneath the filter press system to prevent any oil spillage.



(Observed on 18 Sep 2019)



(Observed on 22 Oct 2019)

New Observations

- 1) Equipment materials and chemical containers were observed accumulated at the exhaust of carbon filter. The tenant was reminded to properly store the chemical containers on site or relocate the used ones to chemical waste storage area with provision of proper labelling where deemed necessary.



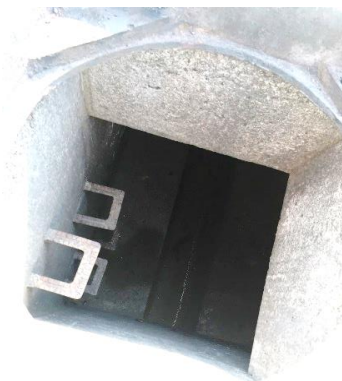
(Observed on 22 Oct 2019)

- 2) General refuse was observed in the perimeter drain next to the exhaust of carbon filter. The tenant was reminded to remove the refuse in order to prevent any blockage.



(Observed on 22 Oct 2019)

- 3) Milky discharge was observed in the stormwater drain at the entrance area. The tenant was reminded to prevent any untreated runoff from discharging to the stormwater drain which should follow the discharge standard of the WPCO discharge licence.



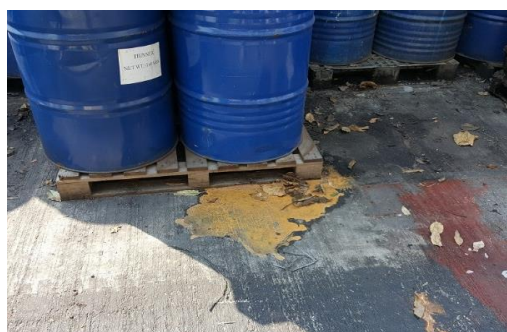
(Observed on 22 Oct 2019)

- 4) Grease was observed accumulated at the storage tank area. The tenants was reminded to regularly clear it and seal up in between the concrete barriers to prevent any potential leakage into the perimeter drain.



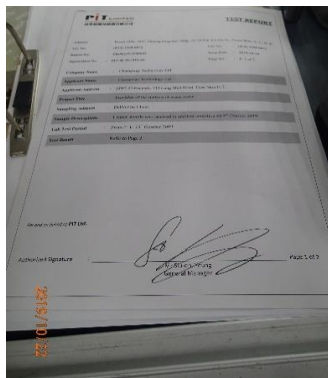
(Observed on 22 Oct 2019)

- 5) Oil spillage was observed beneath the chemical containers opposite to the chemical waste storage area. The tenant was reminded to clear the oil and provide effective measures to contain any potential oil spillage.



(Observed on 22 Oct 2019)

- 6) The bi-monthly sampling record of effluent discharge for Sep 2019 was outstanding while the results for effluent sampling in Oct 2019 was presented during ET's inspection. The tenant should keep records of bi-monthly sampling results for vetting and provide the renewed Licence once available.



(Observed on 22 Oct 2019)

Signatures:

ET Representative:



Name: Cindy KWOK

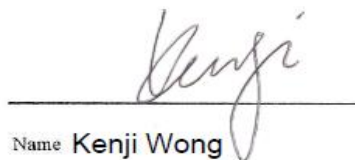
Date: 2019/10/22

Operator Representative:



Name May Wu
Date: 18/11/2019

Tenant Representative:



Name Kenji Wong

Date: 10 Dec 2019

IEC Representative:



Name: Kin LO

Date: 2019/11/18

SITE INSPECTION CHECKLIST

Inspection Date: 2019/11/19

Time: 10:10

Inspected by: Cindy KWOK, Sam CHAN

Lot Number: T5

Tenant: Champway

Weather

Condition: ☒ Sunny ☐ Fine ☐ Overcast ☐ Drizzle ☐ Rain ☐ Storm ☐ Hazy
 Temperature: 25 °C Humidity: ☐ High ☒ Moderate ☐ Low
 Wind: ☒ Calm ☐ Light ☐ Breeze ☐ Strong

1. General

	N/A	Yes	No	Remarks
1.1 Environmental Permit (EP) for Tenant displayed at entrances/exits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EP for tenant is not required
1.2 Environmental Policy documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's Environmental Policy is followed
1.3 Environmental Management Plan (EMP) kept up-to-date?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's EMP is followed
1.4 Emergency Response Plan (ERP) documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's ERP is followed
1.5 All recycling processes in operation have been approved by WRG of EPD?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6 Any record of complaint or prosecution?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Follow-up Observation (8)
a) Sampling record available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sampling report (Oct 2019)
b) Monitoring frequency met the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Follow-up Observation (8)
c) Monitoring result comply with the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	via Grease Trap
a) Adequate capacity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Follow-up Observation (4) & (5)
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Petrol interceptor is provided

SITE INSPECTION CHECKLIST

2.13 Drainage from maintenance area discharged via oil interceptor?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Oil and grease removed regularly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dusty stockpile is observed
2.17 Measures to prevent the washing away of sand/silt to drains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No sand/silt is generated from the recycling process

3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Valid from Feb 2018 to Feb 2023
a) SP Licence conditions/ monitoring requirements comply?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	New Observation (1)
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No loading/unloading of dusty materials is observed
3.4 Dust monitoring record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dust-generating activity is observed
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.11 Air pollution control system properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Regular replacement of activated carbon filter
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

SITE INSPECTION CHECKLIST

- 3.16 Truck loads to a level within the side and tail boards? ☒ ☐ ☐ Not observed
- 3.17 Stockpiles of dusty materials covered or regularly watered? ☒ ☐ ☐ No stockpile of dusty material is observed
- 3.18 Major dust source(s): ☐ Wind erosion ☐ Vehicle/equipment movement
- ☐ Loading/unloading of materials ☒ Others: n/a

4. Waste / Chemical Management**General**

- | | N/A | Yes | No | Remarks |
|--|-------------------------------------|-------------------------------------|-------------------------------------|---------------------------------|
| 4.1 Registered as chemical waste producer? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.2 Sufficient receptacles (e.g. rubbish bins) available? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.3 Disposed of regularly and properly? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Follow-up Observation (3) & (4) |
| 4.4 Sorting of materials on-site for reuse or disposal to designated outlet? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.5 Records of quantities of waste generated, recycled and disposed properly kept? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Verified via quarterly report |
| 4.6 Collection of sludge by licensed collector at regular intervals? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Not observed |

Packaging of Chemical Waste

- | | | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|
| 4.7 Stored in suitable container? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.8 Container properly closed or sealed? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.9 Spillage cleaned up immediately through the use of absorbent? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Follow-up Observation (2), (6) & (7) |
| 4.10 Obtained approval for the use of chemical waste container >450L? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

Labelling of Chemical Waste

- | | | | | |
|--|--------------------------|-------------------------------------|-------------------------------------|---------------------------|
| 4.11 Provision of chemical waste label? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| a) Label is securely attached and visible? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Follow-up Observation (1) |
| b) Label is bilingual and in proper dimension? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| c) Information is accurate and sufficient? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |

Storage of Chemical Waste

- | | | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|---------------------------|
| 4.12 Proper "Chemical Waste" sign displayed? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Follow-up Observation (1) |
| 4.13 Incompatible wastes separated by impermeable partition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.16 Properly stored and locked in designated area with adequate ventilation? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.17 Storage area paved with concrete and kept clean and dry? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.18 Cover provided for outdoor storage area? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.19 Chemical waste collected by licensed collector? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Not observed |

Liquid Chemical Storage

- | | | | | |
|--|--------------------------|-------------------------------------|--------------------------|--|
| 4.20 Storage area provided with permeation-proof floor or surface? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |

4.22 Walls or partitions of stacked container storage area constructed of impermeable material? ☒ ☐ ☐ _____

5. Landfill Gas (LFG) (within LFG Consultation Zone)

N/A Yes No Remarks

5.1 Alert workers and visitors of possible LFG hazards? ☒ ☐ ☐ Outside LFG consultation zone

5.2 Smoking and open fires prohibited? ☐ ☒ ☐ _____

6. Others

N/A Yes No Remarks

6.1 Works confined within lot boundaries? ☐ ☒ ☐ _____

6.2 Damage to surrounding areas avoided? ☐ ☒ ☐ _____

6.3 Site lighting designed to avoid glare to surrounding receivers? ☒ ☐ ☐ _____

6.4 Materials and machinery stored in an orderly manner? ☐ ☒ ☐ _____

6.5 Areas within lot for recycling activities paved with concrete? ☐ ☒ ☐ _____

6.6 Potential stagnant pools cleared and mosquito breeding prevented? ☐ ☒ ☐ _____

6.7 Valid calibration certificate for any monitoring equipment? ☒ ☐ ☐ _____

6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods? ☐ ☒ ☐ _____

a) Storage area in compliance with the approved plan? ☒ ☐ ☐ Subject to tenant's information provision

b) Storage area is securely locked? ☐ ☒ ☐ _____

c) Total storage capacity in compliance with relevant statutory requirement? ☒ ☐ ☐ _____

d) Proper labelling provided? ☐ ☒ ☐ _____

e) Dangerous goods properly packaged? ☒ ☐ ☐ _____

Remarks:**Follow-up from Previous Audits**

- 1) One of the chemical waste labels was not securely attached and the chemical waste storage area was without a proper signage in Chinese characters. The tenant should observe the requirements and rectify in accordance with Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes. The status will be reviewed in next inspection.



(Observed on 22 Oct 2019)



(Observed on 19 Nov 2019)



(Observed on 19 Nov 2019)

- 2) Oil spillage was observed under and next to the filter press system. The tenant should clean up the oil spillage and ensure the containers positioned properly underneath the filter press system to prevent any oil spillage.



(Observed on 22 Oct 2019)



(Observed on 19 Nov 2019)



(Observed on 19 Nov 2019)

- 3) Equipment materials and chemical containers were observed accumulated at the exhaust of carbon filter. The tenant should properly store the chemical containers on site or relocate the used ones to chemical waste storage area with provision of proper labelling where deemed necessary.



(Observed on 22 Oct 2019)



(Observed on 19 Nov 2019)

- 4) General refuse was observed in the perimeter drain next to the exhaust of carbon filter. The tenant should remove the refuse in order to prevent any blockage.



(Observed on 22 Oct 2019)



(Observed on 19 Nov 2019)

- 5) Milky discharge and oil mixture was observed in the stormwater drain at the entrance area. The tenant should prevent any untreated runoff from discharging to the stormwater drain which should follow the discharge standard of the WPCO discharge licence.



(Observed on 22 Oct 2019)



(Observed on 19 Nov 2019)

- 6) Grease was removed. The tenant was reminded to provide sufficient measures to prevent any potential surface runoff entering into the perimeter drain.



(Observed on 22 Oct 2019)



(Observed on 19 Nov 2019)



(Observed on 19 Nov 2019)

- 7) Oil spillage was removed beneath the chemical containers opposite to the chemical waste storage area. However, oil spillage was found in adjacent to the chemical waste storage area owing to machinery repairment. The tenant should clean up the spillage with sufficient absorbent and dispose of as chemical waste.



(Observed on 22 Oct 2019)

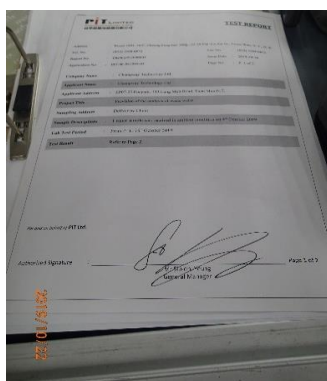


(Observed on 19 Nov 2019)

EcoPark Operation SITE INSPECTION CHECKLIST



- WPCO Licence was renewed and provided by tenant. The tenant should keep records of bi-monthly sampling results for vetting and provide the renewed Licence for on-site checking.



(Observed on 22 Oct 2019)

(Provided by tenant)

New Observation

- The quarterly report for Aug - Oct 2019 as required from the SP licence was outstanding. The tenant should timely provide the quarterly report for vetting.

(Quarterly report for May - Jul 2019 provided by tenant)

Signatures:

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Date: 2019/11/19

Name: May Wu
Date: 19-12-19

Name: Kenji Wong
Date: 19-12-2019

Name: Kin LO
Date: 2019/12/19

SITE INSPECTION CHECKLIST

Inspection Date: 2019/12/23

Time: 10:50

Inspected by: Cindy KWOK, Sam CHAN

Lot Number: T5

Tenant: Champway

Weather

Condition: ☒ Sunny ☐ Fine ☐ Overcast ☐ Drizzle ☐ Rain ☐ Storm ☐ Hazy
 Temperature: 20 °C Humidity: ☐ High ☒ Moderate ☐ Low
 Wind: ☐ Calm ☒ Light ☐ Breeze ☐ Strong

1. General

	N/A	Yes	No	Remarks
1.1 Environmental Permit (EP) for Tenant displayed at entrances/exits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EP for tenant is not required
1.2 Environmental Policy documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's Environmental Policy is followed
1.3 Environmental Management Plan (EMP) kept up-to-date?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's EMP is followed
1.4 Emergency Response Plan (ERP) documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's ERP is followed
1.5 All recycling processes in operation have been approved by WRG of EPD?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6 Any record of complaint or prosecution?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Follow-up Observation (8)
a) Sampling record available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sampling report (Nov 2019)
b) Monitoring frequency met the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Follow-up Observation (8)
c) Monitoring result comply with the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	via Grease Trap
a) Adequate capacity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Follow-up Observation (4), (5) & (6)
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Petrol interceptor is provided

SITE INSPECTION CHECKLIST

2.13 Drainage from maintenance area discharged via oil interceptor?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Oil and grease removed regularly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dusty stockpile is observed
2.17 Measures to prevent the washing away of sand/silt to drains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No sand/silt is generated from the recycling process

3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Valid from Feb 2018 to Feb 2023
a) SP Licence conditions/ monitoring requirements comply?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Follow-up Observation (9)
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No loading/unloading of dusty materials is observed
3.4 Dust monitoring record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dust-generating activity is observed
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.11 Air pollution control system properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Regular replacement of activated carbon filter
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

SITE INSPECTION CHECKLIST

- 3.16 Truck loads to a level within the side and tail boards? ☒ ☐ ☐ Not observed
- 3.17 Stockpiles of dusty materials covered or regularly watered? ☒ ☐ ☐ No stockpile of dusty material is observed
- 3.18 Major dust source(s): ☐ Wind erosion ☐ Vehicle/equipment movement
- ☐ Loading/unloading of materials ☒ Others: n/a

4. Waste / Chemical ManagementGeneral

- | | N/A | Yes | No | Remarks |
|--|-------------------------------------|-------------------------------------|-------------------------------------|---|
| 4.1 Registered as chemical waste producer? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.2 Sufficient receptacles (e.g. rubbish bins) available? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.3 Disposed of regularly and properly? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Follow-up Observation (3) is rectified
Follow-up Observation (4) |
| 4.4 Sorting of materials on-site for reuse or disposal to designated outlet? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.5 Records of quantities of waste generated, recycled and disposed properly kept? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Verified via quarterly report |
| 4.6 Collection of sludge by licensed collector at regular intervals? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Not observed |

Packaging of Chemical Waste

- | | | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|--|
| 4.7 Stored in suitable container? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.8 Container properly closed or sealed? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.9 Spillage cleaned up immediately through the use of absorbent? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Follow-up Observation (2) & (7)
New Observation (1) & (2) |
| 4.10 Obtained approval for the use of chemical waste container >450L? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

Labelling of Chemical Waste

- | | | | | |
|--|--------------------------|-------------------------------------|-------------------------------------|---------------------------|
| 4.11 Provision of chemical waste label? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| a) Label is securely attached and visible? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Follow-up Observation (1) |
| b) Label is bilingual and in proper dimension? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| c) Information is accurate and sufficient? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |

Storage of Chemical Waste

- | | | | | |
|---|-------------------------------------|-------------------------------------|--------------------------|---------------------------|
| 4.12 Proper "Chemical Waste" sign displayed? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Follow-up Observation (1) |
| 4.13 Incompatible wastes separated by impermeable partition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.16 Properly stored and locked in designated area with adequate ventilation? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.17 Storage area paved with concrete and kept clean and dry? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.18 Cover provided for outdoor storage area? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.19 Chemical waste collected by licensed collector? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Not observed |

Liquid Chemical Storage

- | | | | | |
|--|--------------------------|-------------------------------------|--------------------------|--|
| 4.20 Storage area provided with permeation-proof floor or surface? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |

4.22 Walls or partitions of stacked container storage area constructed of impermeable material? ☒ ☐ ☐ _____

5. Landfill Gas (LFG) (within LFG Consultation Zone)

N/A Yes No Remarks

5.1 Alert workers and visitors of possible LFG hazards? ☒ ☐ ☐ Outside LFG consultation zone

5.2 Smoking and open fires prohibited? ☐ ☒ ☐ _____

6. Others

N/A Yes No Remarks

6.1 Works confined within lot boundaries? ☐ ☒ ☐ _____

6.2 Damage to surrounding areas avoided? ☐ ☒ ☐ _____

6.3 Site lighting designed to avoid glare to surrounding receivers? ☒ ☐ ☐ _____

6.4 Materials and machinery stored in an orderly manner? ☐ ☒ ☐ _____

6.5 Areas within lot for recycling activities paved with concrete? ☐ ☒ ☐ _____

6.6 Potential stagnant pools cleared and mosquito breeding prevented? ☐ ☒ ☐ _____

6.7 Valid calibration certificate for any monitoring equipment? ☒ ☐ ☐ _____

6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods? ☐ ☒ ☐ _____

a) Storage area in compliance with the approved plan? ☒ ☐ ☐ Subject to tenant's information provision

b) Storage area is securely locked? ☐ ☒ ☐ _____

c) Total storage capacity in compliance with relevant statutory requirement? ☒ ☐ ☐ _____

d) Proper labelling provided? ☐ ☒ ☐ _____

e) Dangerous goods properly packaged? ☒ ☐ ☐ _____

Remarks:**Follow-up from Previous Audits**

- 1) A proper signage for the chemical waste storage area was provided by the tenant. However, one of the chemical waste labels was not securely attached. The tenant should rectify the label on the chemical container. The status will be reviewed in next inspection.



(Observed on 19 Nov 2019)



(Observed on 19 Nov 2019)



(Observed on 23 Dec 2019)



(Observed on 23 Dec 2019)

- 2) Oil spillage was cleaned up under and next to the filter press system by the tenant. The containers of the filter press were observed in a right position.



(Observed on 19 Nov 2019)



(Observed on 19 Nov 2019)



(Observed on 23 Dec 2019)

- 3) Equipment materials and chemical containers were removed at the exhaust of carbon filter. The remaining material was the activated carbon for replacement propose.



(Observed on 19 Nov 2019)



(Observed on 23 Dec 2019)

- 4) General refuse was observed in the perimeter drain next to the exhaust of carbon filter. The tenant should remove the refuse in order to prevent any blockage. The status will be reviewed in next inspection.



(Observed on 19 Nov 2019)



(Observed on 23 Dec 2019)

- 5) Milky discharge and oil mixture were observed in the stormwater drain at the entrance area. The tenant should prevent any untreated runoff from discharging to the stormwater drain which should follow the discharge standard of the WPCO discharge licence. The status will be reviewed in next inspection.



(Observed on 19 Nov 2019)



(Observed on 23 Dec 2019)

- 6) No grease was observed adjacent to the filter press system. Nevertheless, the tenant was reminded to provide sufficient measures, e.g. seal up the barriers with concrete, to prevent any potential surface runoff entering into the perimeter drain. The status will be reviewed in next inspection.



(Observed on 19 Nov 2019)

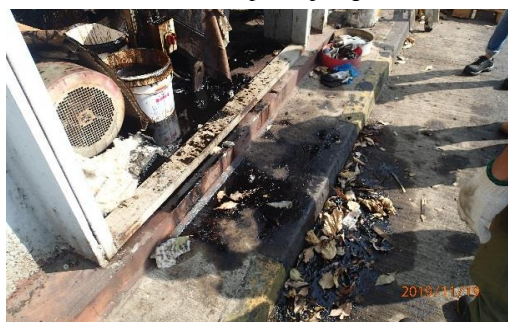


(Observed on 19 Nov 2019)



(Observed on 23 Dec 2019)

- 7) Oil spillage was found in adjacent to the chemical waste storage area owing to machinery repairment. The tenant should clean up the spillage with sufficient absorbent and dispose of as chemical waste. The status will be reviewed in next inspection.



(Observed on 19 Nov 2019)



(Observed on 23 Dec 2019)

EcoPark Operation

SITE INSPECTION CHECKLIST



- 8) The renewed discharge licence was provided by tenant. The upcoming bi-monthly sampling results will be reviewed in next site inspection.

(Provided by tenant)

(Observed on 23 Dec 2019)

- 9) The quarterly report for Aug - Oct 2019 as required from the SP licence was provided by tenant.

	May 2019	Jun 2019	Jul 2019
Waste lipid 1 into the site (MT)	340.1	338.1	368.8
Waste lipid 1 purified (MT)	306.1	304.3	361.5
Waste lipid 2 into the site (MT)	218.9	237.3	233.9
Waste lipid 2 purified (MT)	44.88	48.65	49.12
Biodiesel produced (MT)	80.4	96.1	101.9
Glycerol produced (MT)	9.9	12.1	12.6
Sodium hydroxide used (MT)	1.21	1.47	1.53
Sulfuric acid used (MT)	1.45	1.77	1.83

(Quarterly report for May - Jul 2019 provided by tenant) (Observed on 23 Dec 2019)

New Observation

- 1) Oil spillage was observed adjacent to the cooling tower. The tenant has cleaned up the oil spillage on the same day. The status will be reviewed in next inspection.



EcoPark Operation
SITE INSPECTION CHECKLIST



- 2) Oil stain was found at the vehicular access. The tenant was requested to clean up the stain. The status will be reviewed in next inspection.



(Observed on 23 Dec 2019)

Signatures:

ET Representative:

Name: Cindy KWOK

Date: 2019/12/23

Operator Representative:

Name **May Wu**

Date: **31 DEC 2019**

Tenant Representative:

Name **Kenji Wong**

Date: 2 Jan 2020

IEC Representative:

Name: Tiffany TAM

Date: 2019/12/31

Appendix 6.2

Tenant-specific Audit Checklists for the Reporting Quarter Hong Kong Biomass (Wood) Collect and Recycle Company Ltd

SITE INSPECTION CHECKLIST

Inspection Date: 2019/10/22

Time: 10:40

Inspected by: Cindy KWOK, Sam CHAN

Lot Number: T4

Tenant: Hong Kong Biomass (Wood)

Weather

Condition: ☐ Sunny ☒ Fine ☐ Overcast ☐ Drizzle ☐ Rain ☐ Storm ☐ Hazy
 Temperature: ☐ 25 °C Humidity: ☐ High ☒ Moderate ☐ Low
 Wind: ☒ Calm ☐ Light ☐ Breeze ☐ Strong

1. General

	N/A	Yes	No	Remarks
1.1 Environmental Permit (EP) for Tenant displayed at entrances/exits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EP for tenant is not required
1.2 Environmental Policy documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's Environmental Policy is followed
1.3 Environmental Management Plan (EMP) kept up-to-date?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's EMP is followed
1.4 Emergency Response Plan (ERP) documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's ERP is followed
1.5 All recycling processes in operation have been approved by WRG of EPD?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6 Any record of complaint or prosecution?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No wastewater is generated from the recycling process
a) Sampling record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Adequate capacity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recycling process has low risk of contamination
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed.
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed

SITE INSPECTION CHECKLIST

2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No rainstorm during inspection No sand/silt is generated from the recycling process
2.17 Measures to prevent the washing away of sand/silt to drains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) SP Licence conditions/monitoring requirements comply?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dampening of waste wood affects the wood quality and is therefore unsuitable
3.4 Dust monitoring record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Via enclosure
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.11 Air pollution control system properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Via enclosure
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

EcoPark Operation
SITE INSPECTION CHECKLIST



3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dampening of waste wood affects the wood quality and is therefore unsuitable
3.18 Major dust source(s): <input type="checkbox"/> Wind erosion	<input type="checkbox"/>	Vehicle/equipment movement		
<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/>	Others: <u>Recycling equipment operation</u>		

4. Waste / Chemical Management

General

	N/A	Yes	No	Remarks
4.1 Registered as chemical waste producer?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No chemical waste is observed
4.2 Sufficient receptacles (e.g. rubbish bins) available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.3 Disposed of regularly and properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.4 Sorting of materials on-site for reuse or disposal to designated outlet?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.5 Records of quantities of waste generated, recycled and disposed properly kept?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Verified via quarterly report
4.6 Collection of sludge by licensed collector at regular intervals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required

Packaging of Chemical Waste

4.7 Stored in suitable container?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.8 Container properly closed or sealed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.9 Spillage cleaned up immediately through the use of absorbent?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.10 Obtained approval for the use of chemical waste container >450L?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Labelling of Chemical Waste

4.11 Provision of chemical waste label?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Label is securely attached and visible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Label is bilingual and in proper dimension?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Information is accurate and sufficient?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Storage of Chemical Waste

4.12 Proper "Chemical Waste" sign displayed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.13 Incompatible wastes separated by impermeable partition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.16 Properly stored and locked in designated area with adequate ventilation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.17 Storage area paved with concrete and kept clean and dry?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.18 Cover provided for outdoor storage area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.19 Chemical waste collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Liquid Waste Storage

4.20 Storage area provided with permeation-proof floor or surface?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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4.22 Walls or partitions of stacked container storage area constructed of impermeable material? ☒ ☐ ☐ _____

5. Landfill Gas (LFG) (within LFG Consultation Zone)

	N/A	Yes	No	Remarks
5.1 Alert workers and visitors of possible LFG hazards?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
5.2 Smoking and open fires prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____

6. Others

	N/A	Yes	No	Remarks
6.1 Works confined within lot boundaries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
6.2 Damage to surrounding areas avoided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
6.3 Site lighting designed to avoid glare to surrounding receivers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
6.4 Materials and machinery stored in an orderly manner?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
6.5 Areas within lot for recycling activities paved with concrete?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
6.6 Potential stagnant pools cleared and mosquito breeding prevented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
6.7 Valid calibration certificate for any monitoring equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No monitoring is required
6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Storage area in compliance with the approved plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
b) Storage area is securely locked?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
c) Total storage capacity in compliance with relevant statutory requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
d) Proper labelling provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
e) Dangerous goods properly packaged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

Remarks:

New Observations

- No major environmental deficiency was observed.

Signatures:

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name: May Wu

Name: RENE TAN

Name: Kin LO

Date: 2019/10/22

Date: 15 NOV 2019

Date: 18/11/2019

Date: 2019/11/15

EcoPark Operation
SITE INSPECTION CHECKLIST



Inspection Date: Time: Inspected by:
 Lot Number: Tenant:

Weather

Condition: ☒ Sunny ☐ Fine ☐ Overcast ☐ Drizzle ☐ Rain ☐ Storm ☐ Hazy
 Temperature: °C Humidity: ☐ High ☒ Moderate ☐ Low
 Wind: ☒ Calm ☐ Light ☐ Breeze ☐ Strong

1. General

	N/A	Yes	No	Remarks
1.1 Environmental Permit (EP) for Tenant displayed at entrances/exits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EP for tenant is not required
1.2 Environmental Policy documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's Environmental Policy is followed
1.3 Environmental Management Plan (EMP) kept up-to-date?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's EMP is followed
1.4 Emergency Response Plan (ERP) documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's ERP is followed
1.5 All recycling processes in operation have been approved by WRG of EPD?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6 Any record of complaint or prosecution?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No wastewater is generated from the recycling process
a) Sampling record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Adequate capacity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recycling process has low risk of contamination
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed.
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed

SITE INSPECTION CHECKLIST

2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No rainstorm during inspection No sand/silt is generated from the recycling process
2.17 Measures to prevent the washing away of sand/silt to drains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) SP Licence conditions/monitoring requirements comply?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2 Operate without generation of noticeable odour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No operation is observed during inspection
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dampening of waste wood affects the wood quality and is therefore unsuitable
3.4 Dust monitoring record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Via enclosure
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No operation is observed during inspection
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.11 Air pollution control system properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Via enclosure
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

EcoPark Operation
SITE INSPECTION CHECKLIST



3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dampening of waste wood affects the wood quality and is therefore unsuitable
3.18 Major dust source(s): <input type="checkbox"/> Wind erosion	<input type="checkbox"/>	Vehicle/equipment movement		
<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/>	Others: No dust is observed		

4. Waste / Chemical Management

General

	N/A	Yes	No	Remarks
4.1 Registered as chemical waste producer?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No chemical waste is observed
4.2 Sufficient receptacles (e.g. rubbish bins) available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.3 Disposed of regularly and properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.4 Sorting of materials on-site for reuse or disposal to designated outlet?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.5 Records of quantities of waste generated, recycled and disposed properly kept?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Verified via quarterly report
4.6 Collection of sludge by licensed collector at regular intervals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required

Packaging of Chemical Waste

4.7 Stored in suitable container?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.8 Container properly closed or sealed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.9 Spillage cleaned up immediately through the use of absorbent?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.10 Obtained approval for the use of chemical waste container >450L?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Labelling of Chemical Waste

4.11 Provision of chemical waste label?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Label is securely attached and visible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Label is bilingual and in proper dimension?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Information is accurate and sufficient?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Storage of Chemical Waste

4.12 Proper "Chemical Waste" sign displayed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.13 Incompatible wastes separated by impermeable partition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.16 Properly stored and locked in designated area with adequate ventilation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.17 Storage area paved with concrete and kept clean and dry?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.18 Cover provided for outdoor storage area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.19 Chemical waste collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Liquid Waste Storage

4.20 Storage area provided with permeation-proof floor or surface?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

EcoPark Operation
SITE INSPECTION CHECKLIST



4.22 Walls or partitions of stacked container storage area constructed of impermeable material? ☒ ☐ ☐ _____

5. Landfill Gas (LFG) (within LFG Consultation Zone)

	N/A	Yes	No	Remarks
5.1 Alert workers and visitors of possible LFG hazards?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
5.2 Smoking and open fires prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____

6. Others

	N/A	Yes	No	Remarks
6.1 Works confined within lot boundaries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
6.2 Damage to surrounding areas avoided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
6.3 Site lighting designed to avoid glare to surrounding receivers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
6.4 Materials and machinery stored in an orderly manner?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
6.5 Areas within lot for recycling activities paved with concrete?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
6.6 Potential stagnant pools cleared and mosquito breeding prevented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
6.7 Valid calibration certificate for any monitoring equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No monitoring is required
6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Storage area in compliance with the approved plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
b) Storage area is securely locked?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
c) Total storage capacity in compliance with relevant statutory requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
d) Proper labelling provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
e) Dangerous goods properly packaged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

Remarks:

New Observation

- No major environmental deficiency was observed.

Signatures:

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name: May Wu

Name: KENE YAU

Name: Kin LO

Date: 2019/11/19

Date: 13/12/2019

Date: 13/12/2019

Date: 2019/12/13

SITE INSPECTION CHECKLIST

Inspection Date: 2019/12/23

Time: 10:15

Inspected by: Cindy KWOK, Sam CHAN

Lot Number: T4

Tenant: Hong Kong Biomass (Wood)

Weather

Condition: ☒ Sunny ☐ Fine ☐ Overcast ☐ Drizzle ☐ Rain ☐ Storm ☐ Hazy
 Temperature: 20 °C Humidity: ☐ High ☒ Moderate ☐ Low
 Wind: ☐ Calm ☒ Light ☐ Breeze ☐ Strong

1. General

	N/A	Yes	No	Remarks
1.1 Environmental Permit (EP) for Tenant displayed at entrances/exits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EP for tenant is not required
1.2 Environmental Policy documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's Environmental Policy is followed
1.3 Environmental Management Plan (EMP) kept up-to-date?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's EMP is followed
1.4 Emergency Response Plan (ERP) documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's ERP is followed
1.5 All recycling processes in operation have been approved by WRG of EPD?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6 Any record of complaint or prosecution?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No wastewater is generated from the recycling process
a) Sampling record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Adequate capacity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recycling process has low risk of contamination
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed.
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed

SITE INSPECTION CHECKLIST

2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No rainstorm during inspection No sand/silt is generated from the recycling process
2.17 Measures to prevent the washing away of sand/silt to drains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) SP Licence conditions/monitoring requirements comply?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dampening of waste wood affects the wood quality and is therefore unsuitable
3.4 Dust monitoring record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Via enclosure
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No operation of plant is observed during inspection
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.11 Air pollution control system properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Via enclosure
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

EcoPark Operation
SITE INSPECTION CHECKLIST



3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dampening of waste wood affects the wood quality and is therefore unsuitable
3.18 Major dust source(s):	<input type="checkbox"/> Wind erosion	<input type="checkbox"/> Vehicle/equipment movement		
	<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/> Others:	No dust is observed	

4. Waste / Chemical Management

General

	N/A	Yes	No	Remarks
4.1 Registered as chemical waste producer?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No chemical waste is observed
4.2 Sufficient receptacles (e.g. rubbish bins) available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.3 Disposed of regularly and properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.4 Sorting of materials on-site for reuse or disposal to designated outlet?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.5 Records of quantities of waste generated, recycled and disposed properly kept?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Verified via quarterly report
4.6 Collection of sludge by licensed collector at regular intervals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required

Packaging of Chemical Waste

4.7 Stored in suitable container?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.8 Container properly closed or sealed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.9 Spillage cleaned up immediately through the use of absorbent?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.10 Obtained approval for the use of chemical waste container >450L?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Labelling of Chemical Waste

4.11 Provision of chemical waste label?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Label is securely attached and visible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Label is bilingual and in proper dimension?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Information is accurate and sufficient?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Storage of Chemical Waste

4.12 Proper "Chemical Waste" sign displayed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.13 Incompatible wastes separated by impermeable partition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.16 Properly stored and locked in designated area with adequate ventilation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.17 Storage area paved with concrete and kept clean and dry?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.18 Cover provided for outdoor storage area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.19 Chemical waste collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Liquid Waste Storage

4.20 Storage area provided with permeation-proof floor or surface?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

EcoPark Operation
SITE INSPECTION CHECKLIST



4.22 Walls or partitions of stacked container storage area constructed of impermeable material? ☒ ☐ ☐ _____

5. Landfill Gas (LFG) (within LFG Consultation Zone)

N/A Yes No Remarks

5.1 Alert workers and visitors of possible LFG hazards? ☐ ☒ ☐ _____

5.2 Smoking and open fires prohibited? ☐ ☒ ☐ _____

6. Others

N/A Yes No Remarks

6.1 Works confined within lot boundaries? ☐ ☒ ☐ _____

6.2 Damage to surrounding areas avoided? ☐ ☒ ☐ _____

6.3 Site lighting designed to avoid glare to surrounding receivers? ☒ ☐ ☐ _____

6.4 Materials and machinery stored in an orderly manner? ☐ ☒ ☐ _____

6.5 Areas within lot for recycling activities paved with concrete? ☐ ☒ ☐ _____

6.6 Potential stagnant pools cleared and mosquito breeding prevented? ☐ ☒ ☐ _____

6.7 Valid calibration certificate for any monitoring equipment? ☒ ☐ ☐ No monitoring is required

6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods? ☒ ☐ ☐ Not required

a) Storage area in compliance with the approved plan? ☒ ☐ ☐ _____

b) Storage area is securely locked? ☒ ☐ ☐ _____

c) Total storage capacity in compliance with relevant statutory requirement? ☒ ☐ ☐ _____

d) Proper labelling provided? ☒ ☐ ☐ _____

e) Dangerous goods properly packaged? ☒ ☐ ☐ _____

Remarks:

New Observation

- No major environmental deficiency was observed.

Signatures:

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name: May Wu
31 DEC 2019

Name: PENE YAU
Date: 6/1/2020

Name: Tiffany TAM

Date: 2019/12/23

Date:

Date:

Date: 2019/12/31

Appendix 6.3

Tenant-specific Audit Checklists for the Reporting Quarter HP Telford Envirotech Group Ltd

SITE INSPECTION CHECKLIST

Inspection Date: 2019/10/22

Time: 11:50

Inspected by: Cindy KWOK, Sam CHAN

Lot Number: T1

Tenant: HP Telford

Weather

Condition: ☐ Sunny ☒ Fine ☐ Overcast ☐ Drizzle ☐ Rain ☐ Storm ☐ Hazy
 Temperature: 25 °C Humidity: ☐ High ☒ Moderate ☐ Low
 Wind: ☒ Calm ☐ Light ☐ Breeze ☐ Strong

1. General

	N/A	Yes	No	Remarks
1.1 Environmental Permit (EP) for Tenant displayed at entrances/exits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EP for tenant is not required.
1.2 Environmental Policy documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's Environmental Policy is followed
1.3 Environmental Management Plan (EMP) kept up-to-date?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's EMP is followed
1.4 Emergency Response Plan (ERP) documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's ERP is followed
1.5 All recycling processes in operation have been approved by WRG of EPD?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6 Any record of complaint or prosecution?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No wastewater is generated from recycling process
a) Sampling record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Adequate capacity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recycling process has low risk of contamination
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed.
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed

SITE INSPECTION CHECKLIST

2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dusty stockpile is observed
2.17 Measures to prevent the washing away of sand/silt to drains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No sand/silt is generated from the recycling process

3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) SP Licence conditions/monitoring requirements comply?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No loading/unloading of dusty materials is observed
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	observed
3.4 Dust monitoring record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dust-generating activity is not observed
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No operated plant is observed during inspection
3.7 Emission from chimney or powered plant free of black smoke?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.11 Air pollution control system properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

SITE INSPECTION CHECKLIST

- 3.16 Truck loads to a level within the side and tail boards? ☒ ☐ ☐ Not observed
- 3.17 Stockpiles of dusty materials covered or regularly watered? ☒ ☐ ☐ No stockpile of dusty material is observed
- 3.18 Major dust source(s): ☐ Wind erosion ☐ Vehicle/equipment movement
- ☐ Loading/unloading of materials ☒ Others: n/a

4. Waste / Chemical ManagementGeneral

- | | N/A | Yes | No | Remarks |
|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------|
| 4.1 Registered as chemical waste producer? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | No chemical waste is observed |
| 4.2 Sufficient receptacles (e.g. rubbish bins) available? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.3 Disposed of regularly and properly? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | New Observation (1) |
| 4.4 Sorting of materials on-site for reuse or disposal to designated outlet? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.5 Records of quantities of waste generated, recycled and disposed properly kept? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Verified via quarterly report |
| 4.6 Collection of sludge by licensed collector at regular intervals? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

Packaging of Chemical Waste

- | | | | | |
|---|-------------------------------------|--------------------------|--------------------------|--|
| 4.7 Stored in suitable container? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.8 Container properly closed or sealed? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.9 Spillage cleaned up immediately through the use of absorbent? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.10 Obtained approval for the use of chemical waste container >450L? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

Labelling of Chemical Waste

- | | | | | |
|--|-------------------------------------|--------------------------|--------------------------|--|
| 4.11 Provision of chemical waste label? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| a) Label is securely attached and visible? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| b) Label is bilingual and in proper dimension? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| c) Information is accurate and sufficient? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

Storage of Chemical Waste

- | | | | | |
|---|-------------------------------------|--------------------------|--------------------------|--|
| 4.12 Proper "Chemical Waste" sign displayed? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.13 Incompatible wastes separated by impermeable partition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.16 Properly stored and locked in designated area with adequate ventilation? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.17 Storage area paved with concrete and kept clean and dry? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.18 Cover provided for outdoor storage area? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.19 Chemical waste collected by licensed collector? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

Liquid Waste Storage

- | | | | | |
|--|-------------------------------------|--------------------------|--------------------------|--|
| 4.20 Storage area provided with permeation-proof floor or surface? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

EcoPark Operation
SITE INSPECTION CHECKLIST



4.22 Walls or partitions of stacked container storage area constructed of impermeable material? ☒ ☐ ☐ _____

5. Landfill Gas (LFG) (within LFG Consultation Zone)

	N/A	Yes	No	Remarks
5.1 Alert workers and visitors of possible LFG hazards?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
5.2 Smoking and open fires prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____

6. Others

	N/A	Yes	No	Remarks
6.1 Works confined within lot boundaries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
6.2 Damage to surrounding areas avoided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
6.3 Site lighting designed to avoid glare to surrounding receivers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
6.4 Materials and machinery stored in an orderly manner?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
6.5 Areas within lot for recycling activities paved with concrete?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
6.6 Potential stagnant pools cleared and mosquito breeding prevented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
6.7 Valid calibration certificate for any monitoring equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Storage area in compliance with the approved plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
b) Storage area is securely locked?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
c) Total storage capacity in compliance with relevant statutory requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
d) Proper labelling provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
e) Dangerous goods properly packaged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

Remarks:

New Observations

- 1) Shredded plastic was found at the operational area. The tenant was reminded to improve the housekeeping condition by properly storing the shredded plastic into bags.



(Observed on 22 Oct 2019)

Signatures:

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Date: 2019/10/22

Name:

Date:

May Wu

15 NOV 2019

Name:

Date:

15-11-19

Name:

Date:

EcoPark Operation
SITE INSPECTION CHECKLIST



Inspection Date: Time:
 Lot Number: Tenant:

Inspected by:

Weather

Condition: ☒ Sunny ☐ Fine ☐ Overcast ☐ Drizzle ☐ Rain ☐ Storm ☐ Hazy
 Temperature: °C Humidity: ☐ High ☒ Moderate ☐ Low
 Wind: ☒ Calm ☐ Light ☐ Breeze ☐ Strong

1. General

	N/A	Yes	No	Remarks
1.1 Environmental Permit (EP) for Tenant displayed at entrances/exits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EP for tenant is not required.
1.2 Environmental Policy documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's Environmental Policy is followed
1.3 Environmental Management Plan (EMP) kept up-to-date?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's EMP is followed
1.4 Emergency Response Plan (ERP) documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's ERP is followed
1.5 All recycling processes in operation have been approved by WRG of EPD?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6 Any record of complaint or prosecution?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No wastewater is generated from recycling process
a) Sampling record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Adequate capacity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recycling process has low risk of contamination
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed.
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed

2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dusty stockpile is observed
2.17 Measures to prevent the washing away of sand/silt to drains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No sand/silt is generated from the recycling process

3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) SP Licence conditions / monitoring requirements comply?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2 Operate without generation of noticeable odour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No operation is observed during inspection
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No loading/unloading of dusty materials is observed
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.4 Dust monitoring record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dust-generating activity is not observed
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No operation is observed during inspection
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.11 Air pollution control system properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

- 3.16 Truck loads to a level within the side and tail boards? ☒ ☐ ☐ Not observed
- 3.17 Stockpiles of dusty materials covered or regularly watered? ☒ ☐ ☐ No stockpile of dusty material is observed
- 3.18 Major dust source(s): ☐ Wind erosion ☐ Vehicle/equipment movement
- ☐ Loading/unloading of materials ☒ Others: No dust is observed

4. Waste / Chemical ManagementGeneral

- | | N/A | Yes | No | Remarks |
|--|-------------------------------------|-------------------------------------|--------------------------|-------------------------------|
| 4.1 Registered as chemical waste producer? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | No chemical waste is observed |
| 4.2 Sufficient receptacles (e.g. rubbish bins) available? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.3 Disposed of regularly and properly? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Follow-up Observation (1) |
| 4.4 Sorting of materials on-site for reuse or disposal to designated outlet? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.5 Records of quantities of waste generated, recycled and disposed properly kept? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Verified via quarterly report |
| 4.6 Collection of sludge by licensed collector at regular intervals? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

Packaging of Chemical Waste

- | | | | | |
|---|-------------------------------------|--------------------------|--------------------------|--|
| 4.7 Stored in suitable container? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.8 Container properly closed or sealed? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.9 Spillage cleaned up immediately through the use of absorbent? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.10 Obtained approval for the use of chemical waste container >450L? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

Labelling of Chemical Waste

- | | | | | |
|--|-------------------------------------|--------------------------|--------------------------|--|
| 4.11 Provision of chemical waste label? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| a) Label is securely attached and visible? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| b) Label is bilingual and in proper dimension? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| c) Information is accurate and sufficient? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

Storage of Chemical Waste

- | | | | | |
|---|-------------------------------------|--------------------------|--------------------------|--|
| 4.12 Proper "Chemical Waste" sign displayed? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.13 Incompatible wastes separated by impermeable partition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.16 Properly stored and locked in designated area with adequate ventilation? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.17 Storage area paved with concrete and kept clean and dry? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.18 Cover provided for outdoor storage area? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.19 Chemical waste collected by licensed collector? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

Liquid Waste Storage

- | | | | | |
|--|-------------------------------------|--------------------------|--------------------------|--|
| 4.20 Storage area provided with permeation-proof floor or surface? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

4.22 Walls or partitions of stacked container storage area constructed of impermeable material? ☒ ☐ ☐ _____

5. Landfill Gas (LFG) (within LFG Consultation Zone)

N/A Yes No Remarks

5.1 Alert workers and visitors of possible LFG hazards? ☐ ☒ ☐ _____

5.2 Smoking and open fires prohibited? ☐ ☒ ☐ _____

6. Others

N/A Yes No Remarks

6.1 Works confined within lot boundaries? ☐ ☒ ☐ _____

6.2 Damage to surrounding areas avoided? ☐ ☒ ☐ _____

6.3 Site lighting designed to avoid glare to surrounding receivers? ☒ ☐ ☐ _____

6.4 Materials and machinery stored in an orderly manner? ☐ ☒ ☐ _____

6.5 Areas within lot for recycling activities paved with concrete? ☐ ☒ ☐ _____

6.6 Potential stagnant pools cleared and mosquito breeding prevented? ☐ ☒ ☐ _____

6.7 Valid calibration certificate for any monitoring equipment? ☒ ☐ ☐ Not required

6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods? ☒ ☐ ☐ Not required

a) Storage area in compliance with the approved plan? ☒ ☐ ☐ _____

b) Storage area is securely locked? ☒ ☐ ☐ _____

c) Total storage capacity in compliance with relevant statutory requirement? ☒ ☐ ☐ _____

d) Proper labelling provided? ☒ ☐ ☐ _____

e) Dangerous goods properly packaged? ☒ ☐ ☐ _____

Remarks:

Follow-up from Previous Audits

- 1) The housekeeping condition was generally improved as observed.



(Observed on 22 Oct 2019)



(Observed on 19 Nov 2019)

New Observation

- No major environmental deficiency was observed.

EcoPark Operation
SITE INSPECTION CHECKLIST



Signatures:

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

A handwritten signature in black ink, appearing to be 'Cindy KWOK', written over a horizontal line.

A handwritten signature in black ink, appearing to be 'May Wu', written over a horizontal line.

A handwritten signature in blue ink, appearing to be 'Mr. Lee', written over a horizontal line.

A handwritten signature in black ink, appearing to be 'Kin LO', written over a horizontal line.

Name: Cindy KWOK

Name:

May Wu

Name:

Mr. Lee

Name: Kin LO

Date: 2019/11/19

Date:

13 DEC 2019

Date:

17 Dec 2019

Date: 2019/12/13

EcoPark Operation
SITE INSPECTION CHECKLIST



Inspection Date: Time:
 Lot Number: Tenant:

Inspected by:

Weather

Condition: ☒ Sunny ☐ Fine ☐ Overcast ☐ Drizzle ☐ Rain ☐ Storm ☐ Hazy
 Temperature: °C Humidity: ☐ High ☒ Moderate ☐ Low
 Wind: ☐ Calm ☒ Light ☐ Breeze ☐ Strong

1. General

	N/A	Yes	No	Remarks
1.1 Environmental Permit (EP) for Tenant displayed at entrances/exits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EP for tenant is not required.
1.2 Environmental Policy documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's Environmental Policy is followed
1.3 Environmental Management Plan (EMP) kept up-to-date?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's EMP is followed
1.4 Emergency Response Plan (ERP) documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's ERP is followed
1.5 All recycling processes in operation have been approved by WRG of EPD?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6 Any record of complaint or prosecution?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No wastewater is generated from recycling process
a) Sampling record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Adequate capacity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recycling process has low risk of contamination
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed.
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed

SITE INSPECTION CHECKLIST

2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dusty stockpile is observed
2.17 Measures to prevent the washing away of sand/silt to drains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No sand/silt is generated from the recycling process

3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) SP Licence conditions/monitoring requirements comply?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2 Operate without generation of noticeable odour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No operation is observed during inspection
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No loading/unloading of dusty materials is observed
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.4 Dust monitoring record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dust-generating activity is not observed
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No operation is observed during inspection
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.11 Air pollution control system properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

SITE INSPECTION CHECKLIST

- 3.16 Truck loads to a level within the side and tail boards? ☒ ☐ ☐ Not observed
- 3.17 Stockpiles of dusty materials covered or regularly watered? ☒ ☐ ☐ No stockpile of dusty material is observed
- 3.18 Major dust source(s): ☐ Wind erosion ☐ Vehicle/equipment movement
- ☐ Loading/unloading of materials ☒ Others: n/a

4. Waste / Chemical ManagementGeneral

- | | N/A | Yes | No | Remarks |
|--|-------------------------------------|-------------------------------------|--------------------------|-------------------------------|
| 4.1 Registered as chemical waste producer? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | No chemical waste is observed |
| 4.2 Sufficient receptacles (e.g. rubbish bins) available? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.3 Disposed of regularly and properly? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.4 Sorting of materials on-site for reuse or disposal to designated outlet? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.5 Records of quantities of waste generated, recycled and disposed properly kept? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Verified via quarterly report |
| 4.6 Collection of sludge by licensed collector at regular intervals? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

Packaging of Chemical Waste

- | | | | | |
|---|-------------------------------------|--------------------------|--------------------------|--|
| 4.7 Stored in suitable container? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.8 Container properly closed or sealed? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.9 Spillage cleaned up immediately through the use of absorbent? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.10 Obtained approval for the use of chemical waste container >450L? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

Labelling of Chemical Waste

- | | | | | |
|--|-------------------------------------|--------------------------|--------------------------|--|
| 4.11 Provision of chemical waste label? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| a) Label is securely attached and visible? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| b) Label is bilingual and in proper dimension? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| c) Information is accurate and sufficient? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

Storage of Chemical Waste

- | | | | | |
|---|-------------------------------------|--------------------------|--------------------------|--|
| 4.12 Proper "Chemical Waste" sign displayed? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.13 Incompatible wastes separated by impermeable partition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.16 Properly stored and locked in designated area with adequate ventilation? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.17 Storage area paved with concrete and kept clean and dry? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.18 Cover provided for outdoor storage area? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.19 Chemical waste collected by licensed collector? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

Liquid Waste Storage

- | | | | | |
|--|-------------------------------------|--------------------------|--------------------------|--|
| 4.20 Storage area provided with permeation-proof floor or surface? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

EcoPark Operation
SITE INSPECTION CHECKLIST



4.22 Walls or partitions of stacked container storage area constructed of impermeable material? ☒ ☐ ☐ _____

5. Landfill Gas (LFG) (within LFG Consultation Zone)

N/A Yes No Remarks

5.1 Alert workers and visitors of possible LFG hazards? ☐ ☒ ☐ _____

5.2 Smoking and open fires prohibited? ☐ ☒ ☐ _____

6. Others

N/A Yes No Remarks

6.1 Works confined within lot boundaries? ☐ ☒ ☐ _____

6.2 Damage to surrounding areas avoided? ☐ ☒ ☐ _____

6.3 Site lighting designed to avoid glare to surrounding receivers? ☒ ☐ ☐ _____

6.4 Materials and machinery stored in an orderly manner? ☐ ☒ ☐ _____

6.5 Areas within lot for recycling activities paved with concrete? ☐ ☒ ☐ _____

6.6 Potential stagnant pools cleared and mosquito breeding prevented? ☐ ☒ ☐ _____

6.7 Valid calibration certificate for any monitoring equipment? ☒ ☐ ☐ Not required

6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods? ☒ ☐ ☐ Not required

a) Storage area in compliance with the approved plan? ☒ ☐ ☐ _____

b) Storage area is securely locked? ☒ ☐ ☐ _____

c) Total storage capacity in compliance with relevant statutory requirement? ☒ ☐ ☐ _____

d) Proper labelling provided? ☒ ☐ ☐ _____

e) Dangerous goods properly packaged? ☒ ☐ ☐ _____

Remarks:

New Observation

- No major environmental deficiency was observed.

Signatures:

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name: May Wu

Name:

Name:

Date: 2019/12/23

Date: 31 DEC 2019

Date:

Date:

Appendix 6.4

Tenant-specific Audit Checklists for the Reporting Quarter Chung Yue Steel Group Co Ltd

EcoPark Operation
SITE INSPECTION CHECKLIST



Inspection Date:

Time:

Inspected by:

Lot Number:

Tenant:

Weather

Condition: ☐ Sunny ☒ Fine ☐ Overcast ☐ Drizzle ☐ Rain ☐ Storm ☐ Hazy
 Temperature: °C Humidity: ☐ High ☒ Moderate ☐ Low
 Wind: ☒ Calm ☐ Light ☐ Breeze ☐ Strong

1. General

	N/A	Yes	No	Remarks
1.1 Environmental Permit (EP) for Tenant displayed at entrances/exits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EP for tenant is not required
1.2 Environmental Policy documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's Environmental Policy is followed
1.3 Environmental Management Plan (EMP) kept up-to-date?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's EMP is followed
1.4 Emergency Response Plan (ERP) documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's ERP is followed
1.5 All recycling processes in operation have been approved by WRG of EPD?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6 Any record of complaint or prosecution?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No wastewater is discharged from recycling process
a) Sampling record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Adequate capacity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recycling process has low risk of contamination
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed

SITE INSPECTION CHECKLIST

2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dusty stockpile is observed
2.17 Measures to prevent the washing away of sand/silt to drains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No sand/silt is generated from the recycling process

3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) SP Licence conditions/monitoring requirements comply?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No loading/unloading of dusty material is observed
3.4 Dust monitoring record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.11 Air pollution control system properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

EcoPark Operation
SITE INSPECTION CHECKLIST



3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dusty material is observed
3.18 Major dust source(s):	<input type="checkbox"/> Wind erosion	<input type="checkbox"/> Vehicle/equipment movement		
	<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/> Others: n/a		

4. Waste / Chemical Management

General

	N/A	Yes	No	Remarks
4.1 Registered as chemical waste producer?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No chemical waste is observed
4.2 Sufficient receptacles (e.g. rubbish bins) available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.3 Disposed of regularly and properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.4 Sorting of materials on-site for reuse or disposal to designated outlet?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.5 Records of quantities of waste generated, recycled and disposed properly kept?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	To be verified via quarterly report
4.6 Collection of sludge by licensed collector at regular intervals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required

Packaging of Chemical Waste

4.7 Stored in suitable container?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.8 Container properly closed or sealed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.9 Spillage cleaned up immediately through the use of absorbent?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.10 Obtained approval for the use of chemical waste container >450L?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Labelling of Chemical Waste

4.11 Provision of chemical waste label?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Label is securely attached and visible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Label is bilingual and in proper dimension?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Information is accurate and sufficient?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Storage of Chemical Waste

4.12 Proper "Chemical Waste" sign displayed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.13 Incompatible wastes separated by impermeable partition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.16 Properly stored and locked in designated area with adequate ventilation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.17 Storage area paved with concrete and kept clean and dry?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.18 Cover provided for outdoor storage area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.19 Chemical waste collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Liquid Waste Storage

4.20 Storage area provided with permeation-proof floor or surface?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

EcoPark Operation
SITE INSPECTION CHECKLIST



4.22 Walls or partitions of stacked container storage area constructed of impermeable material? ☒ ☐ ☐ _____

5. Landfill Gas (LFG) (within LFG Consultation Zone)

N/A Yes No Remarks

5.1 Alert workers and visitors of possible LFG hazards? ☒ ☐ ☐ Outside LFG consultation zone

5.2 Smoking and open fires prohibited? ☐ ☒ ☐ _____

6. Others

N/A Yes No Remarks

6.1 Works confined within lot boundaries? ☐ ☒ ☐ _____

6.2 Damage to surrounding areas avoided? ☐ ☒ ☐ _____

6.3 Site lighting designed to avoid glare to surrounding receivers? ☒ ☐ ☐ _____

6.4 Materials and machinery stored in an orderly manner? ☐ ☒ ☐ _____

6.5 Areas within lot for recycling activities paved with concrete? ☐ ☒ ☐ _____

6.6 Potential stagnant pools cleared and mosquito breeding prevented? ☐ ☒ ☐ _____

6.7 Valid calibration certificate for any monitoring equipment? ☒ ☐ ☐ Not required

6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods? ☒ ☐ ☐ Not required

a) Storage area in compliance with the approved plan? ☒ ☐ ☐ _____

b) Storage area is securely locked? ☒ ☐ ☐ _____

c) Total storage capacity in compliance with relevant statutory requirement? ☒ ☐ ☐ _____

d) Proper labelling provided? ☒ ☐ ☐ _____

e) Dangerous goods properly packaged? ☒ ☐ ☐ _____

Remarks:

New Observations

- No major environmental deficiency was observed.

Signatures:

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name: May Wu

Name: May Hg

Name:

Date: 2019/10/22

Date: 15 NOV 2019

Date: 18/11/19

Date:

EcoPark Operation
SITE INSPECTION CHECKLIST



Inspection Date: Time:
 Lot Number: Tenant:

Inspected by:

Weather

Condition: ☒ Sunny ☐ Fine ☐ Overcast ☐ Drizzle ☐ Rain ☐ Storm ☐ Hazy
 Temperature: °C Humidity: ☐ High ☒ Moderate ☐ Low
 Wind: ☒ Calm ☐ Light ☐ Breeze ☐ Strong

1. General

	N/A	Yes	No	Remarks
1.1 Environmental Permit (EP) for Tenant displayed at entrances/exits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EP for tenant is not required
1.2 Environmental Policy documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's Environmental Policy is followed
1.3 Environmental Management Plan (EMP) kept up-to-date?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's EMP is followed
1.4 Emergency Response Plan (ERP) documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's ERP is followed
1.5 All recycling processes in operation have been approved by WRG of EPD?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6 Any record of complaint or prosecution?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No wastewater is discharged from recycling process
a) Sampling record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Adequate capacity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recycling process has low risk of contamination
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed

SITE INSPECTION CHECKLIST

2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dusty stockpile is observed
2.17 Measures to prevent the washing away of sand/silt to drains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No sand/silt is generated from the recycling process

3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) SP Licence conditions/monitoring requirements comply?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No loading/unloading of dusty material is observed
3.4 Dust monitoring record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.11 Air pollution control system properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	New Observation (1)

EcoPark Operation
SITE INSPECTION CHECKLIST



3.16 Truck loads to a level within the side and tail boards?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	New Observation (1)
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dusty material is observed
3.18 Major dust source(s):	<input type="checkbox"/> Wind erosion	<input type="checkbox"/> Vehicle/equipment movement		
	<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/> Others:	No dust is observed	

4. Waste / Chemical Management

General

	N/A	Yes	No	Remarks
4.1 Registered as chemical waste producer?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No chemical waste is observed
4.2 Sufficient receptacles (e.g. rubbish bins) available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.3 Disposed of regularly and properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.4 Sorting of materials on-site for reuse or disposal to designated outlet?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.5 Records of quantities of waste generated, recycled and disposed properly kept?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	To be verified via quarterly report
4.6 Collection of sludge by licensed collector at regular intervals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required

Packaging of Chemical Waste

4.7 Stored in suitable container?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.8 Container properly closed or sealed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.9 Spillage cleaned up immediately through the use of absorbent?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.10 Obtained approval for the use of chemical waste container >450L?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Labelling of Chemical Waste

4.11 Provision of chemical waste label?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Label is securely attached and visible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Label is bilingual and in proper dimension?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Information is accurate and sufficient?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Storage of Chemical Waste

4.12 Proper "Chemical Waste" sign displayed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.13 Incompatible wastes separated by impermeable partition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.16 Properly stored and locked in designated area with adequate ventilation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.17 Storage area paved with concrete and kept clean and dry?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.18 Cover provided for outdoor storage area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.19 Chemical waste collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Liquid Waste Storage

4.20 Storage area provided with permeation-proof floor or surface?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

EcoPark Operation
SITE INSPECTION CHECKLIST



4.22 Walls or partitions of stacked container storage area constructed of impermeable material? ☒ ☐ ☐ _____

5. Landfill Gas (LFG) (within LFG Consultation Zone)

N/A Yes No Remarks

5.1 Alert workers and visitors of possible LFG hazards? ☒ ☐ ☐ Outside LFG consultation zone

5.2 Smoking and open fires prohibited? ☐ ☒ ☐ _____

6. Others

N/A Yes No Remarks

6.1 Works confined within lot boundaries? ☐ ☒ ☐ _____

6.2 Damage to surrounding areas avoided? ☐ ☒ ☐ _____

6.3 Site lighting designed to avoid glare to surrounding receivers? ☒ ☐ ☐ _____

6.4 Materials and machinery stored in an orderly manner? ☐ ☒ ☐ _____

6.5 Areas within lot for recycling activities paved with concrete? ☐ ☒ ☐ _____

6.6 Potential stagnant pools cleared and mosquito breeding prevented? ☐ ☒ ☐ _____

6.7 Valid calibration certificate for any monitoring equipment? ☒ ☐ ☐ Not required

6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods? ☒ ☐ ☐ Not required

a) Storage area in compliance with the approved plan? ☒ ☐ ☐ _____

b) Storage area is securely locked? ☒ ☐ ☐ _____

c) Total storage capacity in compliance with relevant statutory requirement? ☒ ☐ ☐ _____

d) Proper labelling provided? ☒ ☐ ☐ _____

e) Dangerous goods properly packaged? ☒ ☐ ☐ _____

Remarks:

New Observation

- 1) A truck with transported materials was observed without covering. The tenant should fully cover the transported materials and avoid overloading of transported materials.



(Observed on 19 Nov 2019)

EcoPark Operation
SITE INSPECTION CHECKLIST



Signatures:

ET Representative:

A handwritten signature in black ink, appearing to be 'Cindy KWOK', written over a horizontal line.

Name: Cindy KWOK

Date: 2019/11/19

Operator Representative:

A handwritten signature in black ink, appearing to be 'May Wu', written over a horizontal line.

Name: May Wu

Date: 13 DEC 2019

Tenant Representative:

A handwritten signature in blue ink, appearing to be 'Kin LO', written over a horizontal line.

Name: 吳志如

Date: 16/12/19

IEC Representative:

A handwritten signature in black ink, appearing to be 'Kin LO', written over a horizontal line.

Name: Kin LO

Date: 2019/12/13

EcoPark Operation
SITE INSPECTION CHECKLIST



Inspection Date: Time:
 Lot Number: Tenant:

Inspected by:

Weather

Condition: ☒ Sunny ☐ Fine ☐ Overcast ☐ Drizzle ☐ Rain ☐ Storm ☐ Hazy
 Temperature: °C Humidity: ☐ High ☒ Moderate ☐ Low
 Wind: ☐ Calm ☒ Light ☐ Breeze ☐ Strong

1. General

	N/A	Yes	No	Remarks
1.1 Environmental Permit (EP) for Tenant displayed at entrances/exits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EP for tenant is not required
1.2 Environmental Policy documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's Environmental Policy is followed
1.3 Environmental Management Plan (EMP) kept up-to-date?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's EMP is followed
1.4 Emergency Response Plan (ERP) documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's ERP is followed
1.5 All recycling processes in operation have been approved by WRG of EPD?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6 Any record of complaint or prosecution?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No wastewater is discharged from recycling process
a) Sampling record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Adequate capacity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recycling process has low risk of contamination
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed

SITE INSPECTION CHECKLIST

2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dusty stockpile is observed
2.17 Measures to prevent the washing away of sand/silt to drains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No sand/silt is generated from the recycling process

3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) SP Licence conditions/monitoring requirements comply?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No loading/unloading of dusty material is observed
3.4 Dust monitoring record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.11 Air pollution control system properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Follow-up Observation (1)

EcoPark Operation
SITE INSPECTION CHECKLIST



3.16 Truck loads to a level within the side and tail boards?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Follow-up Observation (1)
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dusty material is observed
3.18 Major dust source(s):	<input type="checkbox"/> Wind erosion	<input type="checkbox"/> Vehicle/equipment movement		
	<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/> Others: <u>Handling of materials</u>		

4. Waste / Chemical Management

General

	N/A	Yes	No	Remarks
4.1 Registered as chemical waste producer?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No chemical waste is observed
4.2 Sufficient receptacles (e.g. rubbish bins) available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.3 Disposed of regularly and properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.4 Sorting of materials on-site for reuse or disposal to designated outlet?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.5 Records of quantities of waste generated, recycled and disposed properly kept?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	To be verified via quarterly report
4.6 Collection of sludge by licensed collector at regular intervals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required

Packaging of Chemical Waste

4.7 Stored in suitable container?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.8 Container properly closed or sealed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.9 Spillage cleaned up immediately through the use of absorbent?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.10 Obtained approval for the use of chemical waste container >450L?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Labelling of Chemical Waste

4.11 Provision of chemical waste label?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Label is securely attached and visible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Label is bilingual and in proper dimension?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Information is accurate and sufficient?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Storage of Chemical Waste

4.12 Proper "Chemical Waste" sign displayed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.13 Incompatible wastes separated by impermeable partition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.16 Properly stored and locked in designated area with adequate ventilation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.17 Storage area paved with concrete and kept clean and dry?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.18 Cover provided for outdoor storage area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.19 Chemical waste collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Liquid Waste Storage

4.20 Storage area provided with permeation-proof floor or surface?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

4.22 Walls or partitions of stacked container storage area constructed of impermeable material? ☒ ☐ ☐ _____

5. Landfill Gas (LFG) (within LFG Consultation Zone)

N/A Yes No Remarks

5.1 Alert workers and visitors of possible LFG hazards? ☒ ☐ ☐ Outside LFG consultation zone

5.2 Smoking and open fires prohibited? ☐ ☒ ☐ _____

6. Others

N/A Yes No Remarks

6.1 Works confined within lot boundaries? ☐ ☒ ☐ _____

6.2 Damage to surrounding areas avoided? ☐ ☒ ☐ _____

6.3 Site lighting designed to avoid glare to surrounding receivers? ☒ ☐ ☐ _____

6.4 Materials and machinery stored in an orderly manner? ☐ ☒ ☐ _____

6.5 Areas within lot for recycling activities paved with concrete? ☐ ☒ ☐ _____

6.6 Potential stagnant pools cleared and mosquito breeding prevented? ☐ ☒ ☐ _____

6.7 Valid calibration certificate for any monitoring equipment? ☒ ☐ ☐ Not required

6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods? ☒ ☐ ☐ Not required

a) Storage area in compliance with the approved plan? ☒ ☐ ☐ _____

b) Storage area is securely locked? ☒ ☐ ☐ _____

c) Total storage capacity in compliance with relevant statutory requirement? ☒ ☐ ☐ _____

d) Proper labelling provided? ☒ ☐ ☐ _____

e) Dangerous goods properly packaged? ☒ ☐ ☐ _____

Remarks:

Follow-up from Previous Audits

- 1) Truck loaded to a level within the side and tail boards was observed. Nevertheless, materials transported on truck should be properly covered. The status will be reviewed in next inspection.



(Observed on 19 Nov 2019)



(Observed on 23 Dec 2019)

New Observation

- No major environmental deficiency was observed.

EcoPark Operation
SITE INSPECTION CHECKLIST



Signatures:

ET Representative:

A handwritten signature in black ink, appearing to be 'Cindy KWOK', written over a horizontal line.

Name: Cindy KWOK

Date: 2019/12/23

Operator Representative:

A handwritten signature in black ink, appearing to be 'May Wu', written over a horizontal line.

Name: May Wu

Date: 31 DEC 2019

Tenant Representative:

A handwritten signature in black ink, appearing to be 'Wong', written over a horizontal line.

Name:

Date:

IEC Representative:

A handwritten signature in black ink, appearing to be a diagonal line, written over a horizontal line.

Name:

Date:

Appendix 6.5

Tenant-specific Audit Checklists for the Reporting Quarter K. Wah Construction Products Ltd

EcoPark Operation
SITE INSPECTION CHECKLIST



Inspection Date: Time: Inspected by:
 Lot Number: Tenant:

Weather

Condition: ☐ Sunny ☒ Fine ☐ Overcast ☐ Drizzle ☐ Rain ☐ Storm ☐ Hazy
 Temperature: °C Humidity: ☐ High ☒ Moderate ☐ Low
 Wind: ☒ Calm ☐ Light ☐ Breeze ☐ Strong

1. General

	N/A	Yes	No	Remarks
1.1 Environmental Permit (EP) for Tenant displayed at entrances/exits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EP for tenant is not required
1.2 Environmental Policy documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's Environmental Policy is followed
1.3 Environmental Management Plan (EMP) kept up-to-date?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's EMP is followed
1.4 Emergency Response Plan (ERP) documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's ERP is followed
1.5 All recycling processes in operation have been approved by WRG of EPD?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6 Any record of complaint or prosecution?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wastewater is reused
a) Sampling record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sedimentation pit is provided
a) Adequate capacity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed.
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

SITE INSPECTION CHECKLIST

2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No rainstorm during inspection
2.17 Measures to prevent the washing away of sand/silt to drains?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fall gradient is provided to direct runoff from works area to sedimentation pit

3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) SP Licence conditions/monitoring requirements comply?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Quarterly reporting on quantity of raw material and product (up to May - Jul 2019)
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No loading/unloading is observed
3.4 Dust monitoring record available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Measurement of 24-hr RSP required by SP Licence (Sep & Oct 2019)
a) Monitoring frequency met the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enclosures and sprinkler system are provided
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.11 Air pollution control system properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Maintenance record to be provided
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

EcoPark Operation
SITE INSPECTION CHECKLIST



3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Follow-up Observation (1)
3.18 Major dust source(s):	<input type="checkbox"/> Wind erosion	<input type="checkbox"/> Vehicle/equipment movement		
	<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/> Others:	No dust is observed	

4. Waste / Chemical Management

General

	N/A	Yes	No	Remarks
4.1 Registered as chemical waste producer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.2 Sufficient receptacles (e.g. rubbish bins) available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.3 Disposed of regularly and properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.4 Sorting of materials on-site for reuse or disposal to designated outlet?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.5 Records of quantities of waste generated, recycled and disposed properly kept?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Verified via quarterly report
4.6 Collection of sludge by licensed collector at regular intervals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Packaging of Chemical Waste

4.7 Stored in suitable container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.8 Container properly closed or sealed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.9 Spillage cleaned up immediately through the use of absorbent?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	New Observation (1)
4.10 Obtained approval for the use of chemical waste container >450L?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Labelling of Chemical Waste

4.11 Provision of chemical waste label?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Label is securely attached and visible?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Label is bilingual and in proper dimension?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c) Information is accurate and sufficient?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Storage of Chemical Waste

4.12 Proper "Chemical Waste" sign displayed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.13 Incompatible wastes separated by impermeable partition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.16 Properly stored and locked in designated area with adequate ventilation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.17 Storage area paved with concrete and kept clean and dry?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.18 Cover provided for outdoor storage area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.19 Chemical waste collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

Liquid Waste Storage

4.20 Storage area provided with permeation-proof floor or surface?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

4.22 Walls or partitions of stacked container storage area constructed of impermeable material? ☐ ☒ ☐ _____

5. Landfill Gas (LFG) (within LFG Consultation Zone)

	N/A	Yes	No	Remarks
5.1 Alert workers and visitors of possible LFG hazards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Outside LFG consultation zone
5.2 Smoking and open fires prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

6. Others

	N/A	Yes	No	Remarks
6.1 Works confined within lot boundaries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.2 Damage to surrounding areas avoided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.3 Site lighting designed to avoid glare to surrounding receivers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.4 Materials and machinery stored in an orderly manner?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.5 Areas within lot for recycling activities paved with concrete?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.6 Potential stagnant pools cleared and mosquito breeding prevented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.7 Valid calibration certificate for any monitoring equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not provided
6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Storage area in compliance with the approved plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Storage area is securely locked?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Total storage capacity in compliance with relevant statutory requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) Proper labelling provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
e) Dangerous goods properly packaged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Remarks:

Follow-up from Previous Audits

- Part of the open stockpiles was observed not entirely covered with tarpaulin. The tenant was reminded to cover the stockpiles and regularly inspect the stormwater channel especially after raining events in order to prevent accumulation of grit and blockage in the stormwater channel.



(Observed on 18 Sep 2019)



(Observed on 22 Oct 2019)

EcoPark Operation
SITE INSPECTION CHECKLIST



New Observations

- 1) Oil stain was observed nearby the open storage area at the eastern part of the lot. The tenant was reminded to clean up the oil stain.



(Observed on 22 Oct 2019)

Signatures:

ET Representative:

A handwritten signature in black ink, appearing to be 'Cindy Kwok', written over a horizontal line.

Name: Cindy KWOK

Date: 2019/10/22

Operator Representative:

A handwritten signature in black ink, appearing to be 'May Wu', written over a horizontal line.

Name: May Wu

Date: 15 NOV 2019

Tenant Representative:

A handwritten signature in black ink, appearing to be 'Sammy Siu', written over a horizontal line.

Name: Sammy Siu

Date: 18 Nov, 2019

IEC Representative:

A handwritten signature in black ink, appearing to be a simple diagonal line, written over a horizontal line.

Name:

Date:

EcoPark Operation
SITE INSPECTION CHECKLIST



Inspection Date: Time: Inspected by:
 Lot Number: Tenant:

Weather

Condition: ☒ Sunny ☐ Fine ☐ Overcast ☐ Drizzle ☐ Rain ☐ Storm ☐ Hazy
 Temperature: °C Humidity: ☐ High ☒ Moderate ☐ Low
 Wind: ☒ Calm ☐ Light ☐ Breeze ☐ Strong

1. General

	N/A	Yes	No	Remarks
1.1 Environmental Permit (EP) for Tenant displayed at entrances/exits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EP for tenant is not required
1.2 Environmental Policy documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's Environmental Policy is followed
1.3 Environmental Management Plan (EMP) kept up-to-date?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's EMP is followed
1.4 Emergency Response Plan (ERP) documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's ERP is followed
1.5 All recycling processes in operation have been approved by WRG of EPD?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6 Any record of complaint or prosecution?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wastewater is reused
a) Sampling record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sedimentation pit is provided
a) Adequate capacity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed.
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

SITE INSPECTION CHECKLIST

2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No rainstorm during inspection
2.17 Measures to prevent the washing away of sand/silt to drains?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fall gradient is provided to direct runoff from works area to sedimentation pit

3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) SP Licence conditions/monitoring requirements comply?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Quarterly reporting on quantity of raw material and product (up to Aug - Oct 2019)
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No loading/unloading is observed
3.4 Dust monitoring record available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Measurement of 24-hr RSP required by SP Licence (Oct & Nov 2019)
a) Monitoring frequency met the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enclosures and sprinkler system are provided
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.11 Air pollution control system properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Maintenance record to be provided
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

EcoPark Operation
SITE INSPECTION CHECKLIST



3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Follow-up Observation (1)
3.18 Major dust source(s):	<input checked="" type="checkbox"/> Wind erosion	<input type="checkbox"/> Vehicle/equipment movement		
	<input type="checkbox"/> Loading/unloading of materials	<input type="checkbox"/> Others:		

4. Waste / Chemical Management

General

	N/A	Yes	No	Remarks
4.1 Registered as chemical waste producer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.2 Sufficient receptacles (e.g. rubbish bins) available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.3 Disposed of regularly and properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.4 Sorting of materials on-site for reuse or disposal to designated outlet?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.5 Records of quantities of waste generated, recycled and disposed properly kept?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Verified via quarterly report
4.6 Collection of sludge by licensed collector at regular intervals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Packaging of Chemical Waste

4.7 Stored in suitable container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.8 Container properly closed or sealed?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	New Observation (1)
4.9 Spillage cleaned up immediately through the use of absorbent?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Follow-up Observation (2)
4.10 Obtained approval for the use of chemical waste container >450L?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Labelling of Chemical Waste

4.11 Provision of chemical waste label?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	New Observation (2)
a) Label is securely attached and visible?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	New Observation (2)
b) Label is bilingual and in proper dimension?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	New Observation (2)
c) Information is accurate and sufficient?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	New Observation (2)

Storage of Chemical Waste

4.12 Proper "Chemical Waste" sign displayed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.13 Incompatible wastes separated by impermeable partition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.16 Properly stored and locked in designated area with adequate ventilation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.17 Storage area paved with concrete and kept clean and dry?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.18 Cover provided for outdoor storage area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.19 Chemical waste collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

Liquid Waste Storage

4.20 Storage area provided with permeation-proof floor or surface?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

4.22 Walls or partitions of stacked container storage area constructed of impermeable material? ☐ ☒ ☐ _____

5. Landfill Gas (LFG) (within LFG Consultation Zone)

	N/A	Yes	No	Remarks
5.1 Alert workers and visitors of possible LFG hazards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Outside LFG consultation zone
5.2 Smoking and open fires prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

6. Others

	N/A	Yes	No	Remarks
6.1 Works confined within lot boundaries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.2 Damage to surrounding areas avoided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.3 Site lighting designed to avoid glare to surrounding receivers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.4 Materials and machinery stored in an orderly manner?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.5 Areas within lot for recycling activities paved with concrete?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.6 Potential stagnant pools cleared and mosquito breeding prevented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.7 Valid calibration certificate for any monitoring equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not provided
6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Storage area in compliance with the approved plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Storage area is securely locked?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Total storage capacity in compliance with relevant statutory requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) Proper labelling provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
e) Dangerous goods properly packaged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Remarks:

Follow-up from Previous Audits

- 1) Part of the open stockpiles was observed not entirely covered with tarpaulin. The tenant was reminded to cover the stockpiles and regularly inspect the stormwater channel in order to prevent accumulation of grit and blockage in the stormwater channel.



(Observed on 22 Oct 2019)



(Observed on 19 Nov 2019)

- 2) The oil stain nearby the open storage area at the eastern part of the lot was cleaned.



(Observed on 22 Oct 2019)



(Observed on 19 Nov 2019)

New Observation

- 1) An oil drum was observed without a cover and drip tray. The tenant should provide a cover and drip tray or relocate the chemical container to chemical waste storage area.



(Observed on 19 Nov 2019)

- 2) Some of the chemical waste containers which stored in the chemical waste storage area was observed without chemical waste labels. The tenant should provide proper label on each chemical waste container.



(Observed on 19 Nov 2019)

Signatures:

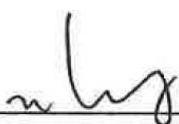
ET Representative:



Name: Cindy KWOK

Date: 2019/11/19

Operator Representative:



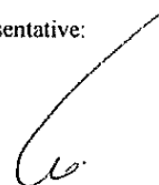
Name: May Wu
Date: 19-12-19

Tenant Representative:



Name: Sammy Siu
Date: 20/12/2019

IEC Representative:



Name: Kin LO

Date: 2019/12/19

EcoPark Operation
SITE INSPECTION CHECKLIST



Inspection Date:	<input type="text" value="2019/12/23"/>	Time:	<input type="text" value="11:40"/>	Inspected by:	<input type="text" value="Cindy KWOK, Sam CHAN"/>
Lot Number:	<input type="text" value="P11"/>	Tenant:	<input type="text" value="K. Wah"/>		

Weather

Condition:	<input checked="" type="checkbox"/> Sunny	<input type="checkbox"/> Fine	<input type="checkbox"/> Overcast	<input type="checkbox"/> Drizzle	<input type="checkbox"/> Rain	<input type="checkbox"/> Storm	<input type="checkbox"/> Hazy
Temperature:	<input type="text" value="20"/> °C	Humidity:	<input type="checkbox"/> High	<input checked="" type="checkbox"/> Moderate	<input type="checkbox"/> Low		
Wind:	<input type="checkbox"/> Calm	<input checked="" type="checkbox"/> Light	<input type="checkbox"/> Breeze	<input type="checkbox"/> Strong			

1. General

	N/A	Yes	No	Remarks
1.1 Environmental Permit (EP) for Tenant displayed at entrances/exits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EP for tenant is not required
1.2 Environmental Policy documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's Environmental Policy is followed
1.3 Environmental Management Plan (EMP) kept up-to-date?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's EMP is followed
1.4 Emergency Response Plan (ERP) documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's ERP is followed
1.5 All recycling processes in operation have been approved by WRG of EPD?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6 Any record of complaint or prosecution?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wastewater is reused
a) Sampling record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sedimentation pit is provided
a) Adequate capacity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	New Observation (1)
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed.
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

EcoPark Operation
SITE INSPECTION CHECKLIST



2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No rainstorm during inspection
2.17 Measures to prevent the washing away of sand/silt to drains?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fall gradient is provided to direct runoff from works area to sedimentation pit

3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) SP Licence conditions/monitoring requirements comply?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Quarterly reporting on quantity of raw material and product (up to Aug - Oct 2019)
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No loading/unloading is observed
3.4 Dust monitoring record available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Measurement of 24-hr RSP required by SP Licence (Nov & Dec 2019)
a) Monitoring frequency met the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enclosures and sprinkler system are provided
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.11 Air pollution control system properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Maintenance record to be provided
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

EcoPark Operation
SITE INSPECTION CHECKLIST



3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Follow-up Observation (1)
3.18 Major dust source(s):	<input checked="" type="checkbox"/> Wind erosion			
	<input type="checkbox"/> Loading/unloading of materials	<input type="checkbox"/> Vehicle/equipment movement		
		<input type="checkbox"/> Others:		

4. Waste / Chemical Management

General

	N/A	Yes	No	Remarks
4.1 Registered as chemical waste producer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.2 Sufficient receptacles (e.g. rubbish bins) available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.3 Disposed of regularly and properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.4 Sorting of materials on-site for reuse or disposal to designated outlet?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.5 Records of quantities of waste generated, recycled and disposed properly kept?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Verified via quarterly report
4.6 Collection of sludge by licensed collector at regular intervals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Packaging of Chemical Waste

4.7 Stored in suitable container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.8 Container properly closed or sealed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No longer applicable for Follow-up Observation (2)
4.9 Spillage cleaned up immediately through the use of absorbent?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.10 Obtained approval for the use of chemical waste container >450L?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Labelling of Chemical Waste

4.11 Provision of chemical waste label?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Follow-up Observation (3)
a) Label is securely attached and visible?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Follow-up Observation (3)
b) Label is bilingual and in proper dimension?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Follow-up Observation (3)
c) Information is accurate and sufficient?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Follow-up Observation (3)

Storage of Chemical Waste

4.12 Proper "Chemical Waste" sign displayed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.13 Incompatible wastes separated by impermeable partition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.16 Properly stored and locked in designated area with adequate ventilation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.17 Storage area paved with concrete and kept clean and dry?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.18 Cover provided for outdoor storage area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.19 Chemical waste collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

Liquid Waste Storage

4.20 Storage area provided with permeation-proof floor or surface?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

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4.22 Walls or partitions of stacked container storage area constructed of impermeable material? ☐ ☒ ☐ _____

5. Landfill Gas (LFG) (within LFG Consultation Zone)

	N/A	Yes	No	Remarks
5.1 Alert workers and visitors of possible LFG hazards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Outside LFG consultation zone
5.2 Smoking and open fires prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

6. Others

	N/A	Yes	No	Remarks
6.1 Works confined within lot boundaries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.2 Damage to surrounding areas avoided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.3 Site lighting designed to avoid glare to surrounding receivers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.4 Materials and machinery stored in an orderly manner?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.5 Areas within lot for recycling activities paved with concrete?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.6 Potential stagnant pools cleared and mosquito breeding prevented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.7 Valid calibration certificate for any monitoring equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not provided
6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Storage area in compliance with the approved plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Storage area is securely locked?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Total storage capacity in compliance with relevant statutory requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) Proper labelling provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
e) Dangerous goods properly packaged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Remarks:

Follow-up from Previous Audits

- 1) Open stockpiles were observed without covering of tarpaulin. The tenant was reminded to properly cover the stockpiles when they were not-in-use and regularly inspect the stormwater channel in order to prevent accumulation of grit and blockage in the stormwater channel. The status will be reviewed in next inspection.



(Observed on 19 Nov 2019)



(Observed on 23 Dec 2019)

- 2) The drum was no longer observed with oil inside and used as storage of materials. No sign of oil leakage was observed.



(Observed on 19 Nov 2019)



(Observed on 23 Dec 2019)

- 3) Some of the chemical waste containers which had been stored in the chemical waste storage area were observed without chemical waste labels. The tenant was requested to provide proper label on each chemical waste container. The status will be reviewed in next inspection.



(Observed on 19 Nov 2019)



(Observed on 23 Dec 2019)

New Observation

- 1) Chemical containers were found above the perimeter drain near the site entrance. The tenant was requested to relocate these chemical containers in order to prevent any chemical leakage entering the perimeter drain. The status will be reviewed in next inspection.



(Observed on 23 Dec 2019)



Signatures:

ET Representative:

A handwritten signature in black ink, appearing to be 'Cindy KWOK', is written over a horizontal line.

Name: Cindy KWOK

Date: 2019/12/23

Operator Representative:

A handwritten signature in black ink, appearing to be 'May Wu', is written over a horizontal line.

Name: May Wu

Date: 31 DEC 2019

Tenant Representative:

A handwritten signature in black ink, appearing to be 'Sammy Siu', is written over a horizontal line.

Name: Sammy Siu

Date: 31/1/2020

IEC Representative:

A handwritten signature in black ink, appearing to be 'Tiffany TAM', is written over a horizontal line.

Name: Tiffany TAM

Date: 2019/12/31

Appendix 6.6

Tenant-specific Audit Checklists for the Reporting Quarter South China Reborn Resources (Zhongshan) Co Ltd

EcoPark Operation
SITE INSPECTION CHECKLIST



Inspection Date: Time: Inspected by:
 Lot Number: Tenant:

Weather

Condition: ☐ Sunny ☒ Fine ☐ Overcast ☐ Drizzle ☐ Rain ☐ Storm ☐ Hazy
 Temperature: °C Humidity: ☐ High ☒ Moderate ☐ Low
 Wind: ☒ Calm ☐ Light ☐ Breeze ☐ Strong

1. General

	N/A	Yes	No	Remarks
1.1 Environmental Permit (EP) for Tenant displayed at entrances/exits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EP for tenant is not required.
1.2 Environmental Policy documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's Environmental Policy is followed
1.3 Environmental Management Plan (EMP) kept up-to-date?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's EMP is followed
1.4 Emergency Response Plan (ERP) documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's ERP is followed
1.5 All recycling processes in operation have been approved by WRG of EPD?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6 Any record of complaint or prosecution?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wastewater is tanked away
a) Sampling record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Wastewater is tanked away
a) Adequate capacity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Storage in the underground storage tank
b) Properly maintained and function normally?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Wastewater is tanked away
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Manholes near the cleaning area are sealed
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed.
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wastewater is tanked away

2.13	Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wastewater is tanked away
	a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14	Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15	Bulk cargo and materials packed properly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.16	Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.17	Measures to prevent the washing away of sand/silt to drains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No sand/silt is generated from the recycling process

3. Air Quality

		N/A	Yes	No	Remarks
3.1	Valid Specified Process (SP) Licence available for all specified process?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	a) SP Licence conditions/monitoring requirements comply?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2	Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3	Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dusty material is not observed
3.4	Dust monitoring record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
	a) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	b) Any exceedance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5	Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dust-generating activity is not observed
3.6	Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7	Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8	Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9	Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.10	Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.11	Air pollution control system properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.12	Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13	Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14	Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15	Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

EcoPark Operation
SITE INSPECTION CHECKLIST



3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No stockpile of dusty material is observed
3.18 Major dust source(s):	<input type="checkbox"/> Wind erosion	<input type="checkbox"/> Vehicle/equipment movement		
	<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/> Others: n/a		

4. Waste / Chemical Management

General

	N/A	Yes	No	Remarks
4.1 Registered as chemical waste producer?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.2 Sufficient receptacles (e.g. rubbish bins) available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.3 Disposed of regularly and properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.4 Sorting of materials on-site for reuse or disposal to designated outlet?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.5 Records of quantities of waste generated, recycled and disposed properly kept?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Verified via quarterly report
4.6 Collection of sludge by licensed collector at regular intervals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Packaging of Chemical Waste

4.7 Stored in suitable container?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.8 Container properly closed or sealed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.9 Spillage cleaned up immediately through the use of absorbent?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.10 Obtained approval for the use of chemical waste container >450L?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Labelling of Chemical Waste

4.11 Provision of chemical waste label?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Label is securely attached and visible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Label is bilingual and in proper dimension?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Information is accurate and sufficient?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Storage of Chemical Waste

4.12 Proper "Chemical Waste" sign displayed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.13 Incompatible wastes separated by impermeable partition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.16 Properly stored and locked in designated area with adequate ventilation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.17 Storage area paved with concrete and kept clean and dry?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.18 Cover provided for outdoor storage area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.19 Chemical waste collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Liquid Waste Storage

4.20 Storage area provided with permeation-proof floor or surface?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

EcoPark Operation
SITE INSPECTION CHECKLIST



4.22 Walls or partitions of stacked container storage area constructed of impermeable material? ☒ ☐ ☐ _____

5. Landfill Gas (LFG) (within LFG Consultation Zone)

N/A Yes No Remarks

5.1 Alert workers and visitors of possible LFG hazards? ☒ ☐ ☐ Outside LFG consultation zone

5.2 Smoking and open fires prohibited? ☐ ☒ ☐ _____

6. Others

N/A Yes No Remarks

6.1 Works confined within lot boundaries? ☐ ☒ ☐ _____

6.2 Damage to surrounding areas avoided? ☐ ☒ ☐ _____

6.3 Site lighting designed to avoid glare to surrounding receivers? ☒ ☐ ☐ _____

6.4 Materials and machinery stored in an orderly manner? ☐ ☒ ☐ _____

6.5 Areas within lot for recycling activities paved with concrete? ☐ ☒ ☐ _____

6.6 Potential stagnant pools cleared and mosquito breeding prevented? ☐ ☒ ☐ _____

6.7 Valid calibration certificate for any monitoring equipment? ☒ ☐ ☐ Not provided

6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods? ☒ ☐ ☐ Not required

a) Storage area in compliance with the approved plan? ☒ ☐ ☐ _____

b) Storage area is securely locked? ☒ ☐ ☐ _____

c) Total storage capacity in compliance with relevant statutory requirement? ☒ ☐ ☐ _____

d) Proper labelling provided? ☒ ☐ ☐ _____

e) Dangerous goods properly packaged? ☒ ☐ ☐ _____

Remarks:

New Observations

- No major environmental deficiency was observed.

Signatures:

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name: May Wu
Date: 15 NOV 2019

Name: Terence Tsui
Date: 21 NOV 2019

Name: Kin LO

Date: 2019/11/15

EcoPark Operation
SITE INSPECTION CHECKLIST



Inspection Date: Time:
 Lot Number: Tenant:

Inspected by:

Weather

Condition: ☒ Sunny ☐ Fine ☐ Overcast ☐ Drizzle ☐ Rain ☐ Storm ☐ Hazy
 Temperature: °C Humidity: ☐ High ☒ Moderate ☐ Low
 Wind: ☒ Calm ☐ Light ☐ Breeze ☐ Strong

1. General

	N/A	Yes	No	Remarks
1.1 Environmental Permit (EP) for Tenant displayed at entrances/exits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EP for tenant is not required.
1.2 Environmental Policy documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's Environmental Policy is followed
1.3 Environmental Management Plan (EMP) kept up-to-date?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's EMP is followed
1.4 Emergency Response Plan (ERP) documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's ERP is followed
1.5 All recycling processes in operation have been approved by WRG of EPD?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6 Any record of complaint or prosecution?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wastewater is tanked away
a) Sampling record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Wastewater is tanked away
a) Adequate capacity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Storage in the underground storage tank
b) Properly maintained and function normally?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Wastewater is tanked away
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Manholes near the cleaning area are sealed
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	New Observation (1)
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed.
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wastewater is tanked away

2.13	Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wastewater is tanked away
	a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14	Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15	Bulk cargo and materials packed properly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.16	Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.17	Measures to prevent the washing away of sand/silt to drains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No sand/silt is generated from the recycling process

3. Air Quality

		N/A	Yes	No	Remarks
3.1	Valid Specified Process (SP) Licence available for all specified process?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	a) SP Licence conditions/monitoring requirements comply?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2	Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3	Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dusty material is not observed
3.4	Dust monitoring record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
	a) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	b) Any exceedance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5	Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dust-generating activity is not observed
3.6	Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7	Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8	Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9	Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.10	Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.11	Air pollution control system properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.12	Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13	Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14	Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15	Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

EcoPark Operation
SITE INSPECTION CHECKLIST



3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No stockpile of dusty material is observed
3.18 Major dust source(s):	<input type="checkbox"/> Wind erosion	<input type="checkbox"/> Vehicle/equipment movement		
	<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/> Others: n/a		

4. Waste / Chemical Management

General

	N/A	Yes	No	Remarks
4.1 Registered as chemical waste producer?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.2 Sufficient receptacles (e.g. rubbish bins) available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.3 Disposed of regularly and properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.4 Sorting of materials on-site for reuse or disposal to designated outlet?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.5 Records of quantities of waste generated, recycled and disposed properly kept?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Verified via quarterly report
4.6 Collection of sludge by licensed collector at regular intervals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Packaging of Chemical Waste

4.7 Stored in suitable container?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.8 Container properly closed or sealed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.9 Spillage cleaned up immediately through the use of absorbent?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.10 Obtained approval for the use of chemical waste container >450L?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Labelling of Chemical Waste

4.11 Provision of chemical waste label?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Label is securely attached and visible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Label is bilingual and in proper dimension?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Information is accurate and sufficient?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Storage of Chemical Waste

4.12 Proper "Chemical Waste" sign displayed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.13 Incompatible wastes separated by impermeable partition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.16 Properly stored and locked in designated area with adequate ventilation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.17 Storage area paved with concrete and kept clean and dry?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.18 Cover provided for outdoor storage area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.19 Chemical waste collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Liquid Waste Storage

4.20 Storage area provided with permeation-proof floor or surface?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

EcoPark Operation
SITE INSPECTION CHECKLIST



4.22 Walls or partitions of stacked container storage area constructed of impermeable material? ☒ ☐ ☐ _____

5. Landfill Gas (LFG) (within LFG Consultation Zone)

N/A Yes No Remarks

5.1 Alert workers and visitors of possible LFG hazards? ☒ ☐ ☐ Outside LFG consultation zone

5.2 Smoking and open fires prohibited? ☐ ☒ ☐ _____

6. Others

N/A Yes No Remarks

6.1 Works confined within lot boundaries? ☐ ☒ ☐ _____

6.2 Damage to surrounding areas avoided? ☐ ☒ ☐ _____

6.3 Site lighting designed to avoid glare to surrounding receivers? ☒ ☐ ☐ _____

6.4 Materials and machinery stored in an orderly manner? ☐ ☒ ☐ _____

6.5 Areas within lot for recycling activities paved with concrete? ☐ ☒ ☐ _____

6.6 Potential stagnant pools cleared and mosquito breeding prevented? ☐ ☒ ☐ _____

6.7 Valid calibration certificate for any monitoring equipment? ☒ ☐ ☐ Not provided

6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods? ☒ ☐ ☐ Not required

a) Storage area in compliance with the approved plan? ☒ ☐ ☐ _____

b) Storage area is securely locked? ☒ ☐ ☐ _____

c) Total storage capacity in compliance with relevant statutory requirement? ☒ ☐ ☐ _____

d) Proper labelling provided? ☒ ☐ ☐ _____

e) Dangerous goods properly packaged? ☒ ☐ ☐ _____

Remarks:

New Observation

- Scum was observed in the stormwater drain. The tenant should regularly inspect and review to prevent accidental spillage of cleansing water from entering the manholes.



(Observed on 19 Nov 2019)

EcoPark Operation
SITE INSPECTION CHECKLIST



Signatures:

ET Representative:

A handwritten signature in black ink, appearing to be 'Cindy KWOK', written over a horizontal line.

Name: Cindy KWOK

Date: 2019/11/19

Operator Representative:

A handwritten signature in black ink, appearing to be 'May Wu', written over a horizontal line.

Name: May Wu

Date: 13 DEC 2019

Tenant Representative:

A handwritten signature in blue ink, appearing to be 'Terence Tsui', written over a horizontal line.

Name: Terence Tsui

Date: 14 DEC 2019

IEC Representative:

A handwritten signature in black ink, appearing to be 'Kin LO', written over a horizontal line.

Name: Kin LO

Date: 2019/12/13

EcoPark Operation
SITE INSPECTION CHECKLIST



Inspection Date: Time: Inspected by:
 Lot Number: Tenant:

Weather

Condition: ☒ Sunny ☐ Fine ☐ Overcast ☐ Drizzle ☐ Rain ☐ Storm ☐ Hazy
 Temperature: °C Humidity: ☐ High ☒ Moderate ☐ Low
 Wind: ☐ Calm ☒ Light ☐ Breeze ☐ Strong

1. General

	N/A	Yes	No	Remarks
1.1 Environmental Permit (EP) for Tenant displayed at entrances/exits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EP for tenant is not required.
1.2 Environmental Policy documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's Environmental Policy is followed
1.3 Environmental Management Plan (EMP) kept up-to-date?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's EMP is followed
1.4 Emergency Response Plan (ERP) documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's ERP is followed
1.5 All recycling processes in operation have been approved by WRG of EPD?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6 Any record of complaint or prosecution?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wastewater is tanked away
a) Sampling record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Wastewater is tanked away
a) Adequate capacity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Storage in the underground storage tank
b) Properly maintained and function normally?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Wastewater is tanked away
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Manholes near the cleaning area are sealed
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Follow-up Observation (1) & New Observation (1)
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed.
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wastewater is tanked away

2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wastewater is tanked away
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.17 Measures to prevent the washing away of sand/silt to drains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No sand/silt is generated from the recycling process

3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) SP Licence conditions/monitoring requirements comply?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dusty material is not observed
3.4 Dust monitoring record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dust-generating activity is not observed
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No operation of plant is observed during inspection
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.11 Air pollution control system properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

EcoPark Operation
SITE INSPECTION CHECKLIST



3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No stockpile of dusty material is observed
3.18 Major dust source(s):	<input type="checkbox"/> Wind erosion	<input type="checkbox"/> Vehicle/equipment movement		
	<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/> Others: n/a		

4. Waste / Chemical Management

General

	N/A	Yes	No	Remarks
4.1 Registered as chemical waste producer?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.2 Sufficient receptacles (e.g. rubbish bins) available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.3 Disposed of regularly and properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.4 Sorting of materials on-site for reuse or disposal to designated outlet?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.5 Records of quantities of waste generated, recycled and disposed properly kept?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Verified via quarterly report
4.6 Collection of sludge by licensed collector at regular intervals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Packaging of Chemical Waste

4.7 Stored in suitable container?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.8 Container properly closed or sealed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.9 Spillage cleaned up immediately through the use of absorbent?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.10 Obtained approval for the use of chemical waste container >450L?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Labelling of Chemical Waste

4.11 Provision of chemical waste label?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Label is securely attached and visible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Label is bilingual and in proper dimension?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Information is accurate and sufficient?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Storage of Chemical Waste

4.12 Proper "Chemical Waste" sign displayed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.13 Incompatible wastes separated by impermeable partition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.16 Properly stored and locked in designated area with adequate ventilation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.17 Storage area paved with concrete and kept clean and dry?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.18 Cover provided for outdoor storage area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.19 Chemical waste collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Liquid Waste Storage

4.20 Storage area provided with permeation-proof floor or surface?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

4.22 Walls or partitions of stacked container storage area constructed of impermeable material? ☒ ☐ ☐ _____

5. Landfill Gas (LFG) (within LFG Consultation Zone)

N/A Yes No Remarks

5.1 Alert workers and visitors of possible LFG hazards? ☒ ☐ ☐ Outside LFG consultation zone

5.2 Smoking and open fires prohibited? ☐ ☒ ☐ _____

6. Others

N/A Yes No Remarks

6.1 Works confined within lot boundaries? ☐ ☒ ☐ _____

6.2 Damage to surrounding areas avoided? ☐ ☒ ☐ _____

6.3 Site lighting designed to avoid glare to surrounding receivers? ☒ ☐ ☐ _____

6.4 Materials and machinery stored in an orderly manner? ☐ ☒ ☐ _____

6.5 Areas within lot for recycling activities paved with concrete? ☐ ☒ ☐ _____

6.6 Potential stagnant pools cleared and mosquito breeding prevented? ☐ ☒ ☐ _____

6.7 Valid calibration certificate for any monitoring equipment? ☒ ☐ ☐ Not provided

6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods? ☒ ☐ ☐ Not required

a) Storage area in compliance with the approved plan? ☒ ☐ ☐ _____

b) Storage area is securely locked? ☒ ☐ ☐ _____

c) Total storage capacity in compliance with relevant statutory requirement? ☒ ☐ ☐ _____

d) Proper labelling provided? ☒ ☐ ☐ _____

e) Dangerous goods properly packaged? ☒ ☐ ☐ _____

Remarks:

Follow-up from Previous Audits

- 1) Milky discharge and oil mixture was still observed in the stormwater drain. The tenant should prevent any untreated runoff from discharging to the stormwater drain. water from entering the manholes. The status will be reviewed in next inspection.



(Observed on 19 Nov 2019)



(Observed on 23 Dec 2019)

New Observation

- 1) Scum was observed in the perimeter drain. The tenant should regularly inspect and clean up the scum. The status will be reviewed in next inspection.



(Observed on 23 Dec 2019)

Signatures:


ET Representative:



Name: Cindy KWOK

Date: 2019/12/23

Operator Representative:



Name: May Wu

Date: 31 DEC 2019

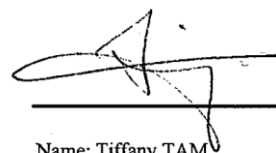
Tenant Representative:



Name: Terence Tsui

Date: 6 JAN 2020

IEC Representative:



Name: Tiffany TAM

Date: 2019/12/31

Appendix 6.7

Tenant-specific Audit Checklists for the Reporting Quarter E. Tech Management (HK) Ltd

EcoPark Operation
SITE INSPECTION CHECKLIST



Inspection Date: Time: Inspected by:
 Lot Number: Tenant:

Weather

Condition: ☐ Sunny ☒ Fine ☐ Overcast ☐ Drizzle ☐ Rain ☐ Storm ☐ Hazy
 Temperature: °C Humidity: ☐ High ☒ Moderate ☐ Low
 Wind: ☒ Calm ☐ Light ☐ Breeze ☐ Strong

1. General

	N/A	Yes	No	Remarks
1.1 Environmental Permit (EP) for Tenant displayed at entrances/exits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EP for tenant is not required.
1.2 Environmental Policy documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's Environmental Policy is followed
1.3 Environmental Management Plan (EMP) kept up-to-date?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's EMP is followed
1.4 Emergency Response Plan (ERP) documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's ERP is followed
1.5 All recycling processes in operation have been approved by WRG of EPD?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6 Any record of complaint or prosecution?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No wastewater is generated from recycling process
a) Sampling record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Adequate capacity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed

SITE INSPECTION CHECKLIST

2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dusty stockpile is observed
2.17 Measures to prevent the washing away of sand/silt to drains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No sand/silt is generated from the recycling process

3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) SP Licence conditions/monitoring requirements comply?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No loading/unloading of dusty materials is observed
3.4 Dust monitoring record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Shredder is enclosed and connected with dust collector with filter
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.11 Air pollution control system properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not Observed

EcoPark Operation
SITE INSPECTION CHECKLIST



3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not Observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No stockpile of dusty material is observed
3.18 Major dust source(s):	<input type="checkbox"/> Wind erosion	<input type="checkbox"/> Vehicle/equipment movement		
	<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/> Others: n/a		

4. Waste / Chemical Management

General

	N/A	Yes	No	Remarks
4.1 Registered as chemical waste producer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.2 Sufficient receptacles (e.g. rubbish bins) available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.3 Disposed of regularly and properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.4 Sorting of materials on-site for reuse or disposal to designated outlet?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.5 Records of quantities of waste generated, recycled and disposed properly kept?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	To be verified via quarterly report
4.6 Collection of sludge by licensed collector at regular intervals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required

Packaging of Chemical Waste

4.7 Stored in suitable container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.8 Container properly closed or sealed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.9 Spillage cleaned up immediately through the use of absorbent?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No spillage is observed
4.10 Obtained approval for the use of chemical waste container >450L?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Labelling of Chemical Waste

4.11 Provision of chemical waste label?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Label is securely attached and visible?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Label is bilingual and in proper dimension?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c) Information is accurate and sufficient?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Storage of Chemical Waste

4.12 Proper "Chemical Waste" sign displayed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.13 Incompatible wastes separated by impermeable partition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Incompatible wastes are not observed
4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.16 Properly stored and locked in designated area with adequate ventilation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.17 Storage area paved with concrete and kept clean and dry?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.18 Cover provided for outdoor storage area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.19 Chemical waste collected by licensed collector?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Liquid Waste Storage

4.20 Storage area provided with permeation-proof floor or surface?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No storage of liquid waste
4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No storage of liquid waste

EcoPark Operation
SITE INSPECTION CHECKLIST



4.22 Walls or partitions of stacked container storage area constructed of impermeable material? ☒ ☐ ☐ No storage of liquid waste

5. Landfill Gas (LFG) (within LFG Consultation Zone)

N/A Yes No Remarks

5.1 Alert workers and visitors of possible LFG hazards? ☒ ☐ ☐ Outside LFG consultation zone

5.2 Smoking and open fires prohibited? ☐ ☒ ☐

6. Others

N/A Yes No Remarks

6.1 Works confined within lot boundaries? ☐ ☒ ☐

6.2 Damage to surrounding areas avoided? ☐ ☒ ☐

6.3 Site lighting designed to avoid glare to surrounding receivers? ☒ ☐ ☐

6.4 Materials and machinery stored in an orderly manner? ☐ ☒ ☐

6.5 Areas within lot for recycling activities paved with concrete? ☐ ☒ ☐

6.6 Potential stagnant pools cleared and mosquito breeding prevented? ☐ ☒ ☐

6.7 Valid calibration certificate for any monitoring equipment? ☒ ☐ ☐ Not required

6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods? ☒ ☐ ☐ Not required

a) Storage area in compliance with the approved plan? ☒ ☐ ☐

b) Storage area is securely locked? ☒ ☐ ☐

c) Total storage capacity in compliance with relevant statutory requirement? ☒ ☐ ☐

d) Proper labelling provided? ☒ ☐ ☐

e) Dangerous goods properly packaged? ☒ ☐ ☐

Remarks:

New Observations

- No major environmental deficiency was observed.

Signatures:

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name: May Wu

Name: TONY TSAI

Name:

Date: 2019/10/22

Date: 15 NOV 2019

Date: 15 Nov 2019

Date:

EcoPark Operation
SITE INSPECTION CHECKLIST



Inspection Date:	<input type="text" value="2019/11/19"/>	Time:	<input type="text" value="11:40"/>	Inspected by:	<input type="text" value="Cindy KWOK, Sam CHAN"/>
Lot Number:	<input type="text" value="P14"/>	Tenant:	<input type="text" value="E.Tech"/>		

Weather

Condition:	<input checked="" type="checkbox"/> Sunny	<input type="checkbox"/> Fine	<input type="checkbox"/> Overcast	<input type="checkbox"/> Drizzle	<input type="checkbox"/> Rain	<input type="checkbox"/> Storm	<input type="checkbox"/> Hazy
Temperature:	<input type="text" value="25"/> °C	Humidity:		<input type="checkbox"/> High	<input checked="" type="checkbox"/> Moderate	<input type="checkbox"/> Low	
Wind:	<input checked="" type="checkbox"/> Calm	<input type="checkbox"/> Light	<input type="checkbox"/> Breeze	<input type="checkbox"/> Strong			

1. General

	N/A	Yes	No	Remarks
1.1 Environmental Permit (EP) for Tenant displayed at entrances/exits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EP for tenant is not required.
1.2 Environmental Policy documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's Environmental Policy is followed
1.3 Environmental Management Plan (EMP) kept up-to-date?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's EMP is followed
1.4 Emergency Response Plan (ERP) documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's ERP is followed
1.5 All recycling processes in operation have been approved by WRG of EPD?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6 Any record of complaint or prosecution?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Sampling record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Adequate capacity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed

EcoPark Operation
SITE INSPECTION CHECKLIST



2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dusty stockpile is observed
2.17 Measures to prevent the washing away of sand/silt to drains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No sand/silt is generated from the recycling process

3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) SP Licence conditions/monitoring requirements comply?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No loading/unloading of dusty materials is observed
3.4 Dust monitoring record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Shredder is enclosed and connected with dust collector with filter
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.11 Air pollution control system properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not Observed

EcoPark Operation
SITE INSPECTION CHECKLIST



3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not Observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No stockpile of dusty material is observed
3.18 Major dust source(s):	<input type="checkbox"/> Wind erosion	<input type="checkbox"/> Vehicle/equipment movement		
	<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/> Others:	No dust is observed	

4. Waste / Chemical Management

General

	N/A	Yes	No	Remarks
4.1 Registered as chemical waste producer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.2 Sufficient receptacles (e.g. rubbish bins) available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.3 Disposed of regularly and properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.4 Sorting of materials on-site for reuse or disposal to designated outlet?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.5 Records of quantities of waste generated, recycled and disposed properly kept?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	To be verified via quarterly report
4.6 Collection of sludge by licensed collector at regular intervals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required

Packaging of Chemical Waste

4.7 Stored in suitable container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.8 Container properly closed or sealed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.9 Spillage cleaned up immediately through the use of absorbent?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No spillage is observed
4.10 Obtained approval for the use of chemical waste container >450L?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Labelling of Chemical Waste

4.11 Provision of chemical waste label?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Label is securely attached and visible?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Label is bilingual and in proper dimension?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c) Information is accurate and sufficient?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Storage of Chemical Waste

4.12 Proper "Chemical Waste" sign displayed?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	New Observation (1)
4.13 Incompatible wastes separated by impermeable partition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Incompatible wastes are not observed
4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.16 Properly stored and locked in designated area with adequate ventilation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.17 Storage area paved with concrete and kept clean and dry?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.18 Cover provided for outdoor storage area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.19 Chemical waste collected by licensed collector?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Liquid Waste Storage

4.20 Storage area provided with permeation-proof floor or surface?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No storage of liquid waste
4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No storage of liquid waste

EcoPark Operation
SITE INSPECTION CHECKLIST



4.22 Walls or partitions of stacked container storage area constructed of impermeable material? ☒ ☐ ☐ No storage of liquid waste

5. Landfill Gas (LFG) (within LFG Consultation Zone)

	N/A	Yes	No	Remarks
5.1 Alert workers and visitors of possible LFG hazards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Outside LFG consultation zone
5.2 Smoking and open fires prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

6. Others

	N/A	Yes	No	Remarks
6.1 Works confined within lot boundaries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.2 Damage to surrounding areas avoided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.3 Site lighting designed to avoid glare to surrounding receivers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.4 Materials and machinery stored in an orderly manner?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.5 Areas within lot for recycling activities paved with concrete?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.6 Potential stagnant pools cleared and mosquito breeding prevented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.7 Valid calibration certificate for any monitoring equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Storage area in compliance with the approved plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Storage area is securely locked?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Total storage capacity in compliance with relevant statutory requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) Proper labelling provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
e) Dangerous goods properly packaged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Remarks:

New Observation

- 1) Improper signage for Chemical Waste Storage Area was observed and could not meet the requirements as stipulated in the *Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes*. The tenant was requested to provide rectification on proper signage.



(Observed on 19 Nov 2019)

Signatures:

ET Representative:

Name: Cindy KWOK

Date: 2019/11/19

Operator Representative:

Name: May Wu
Date: 13 DEC 2019

Tenant Representative:

Name: Winnie Sun
Date: 17/12/2019

IEC Representative:

Name: Kin LO
Date: 2019/12/13

EcoPark Operation
SITE INSPECTION CHECKLIST



Inspection Date: Time: Inspected by:
 Lot Number: Tenant:

Weather

Condition: ☒ Sunny ☐ Fine ☐ Overcast ☐ Drizzle ☐ Rain ☐ Storm ☐ Hazy
 Temperature: °C Humidity: ☐ High ☒ Moderate ☐ Low
 Wind: ☐ Calm ☒ Light ☐ Breeze ☐ Strong

1. General

	N/A	Yes	No	Remarks
1.1 Environmental Permit (EP) for Tenant displayed at entrances/exits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EP for tenant is not required.
1.2 Environmental Policy documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's Environmental Policy is followed
1.3 Environmental Management Plan (EMP) kept up-to-date?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's EMP is followed
1.4 Emergency Response Plan (ERP) documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's ERP is followed
1.5 All recycling processes in operation have been approved by WRG of EPD?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6 Any record of complaint or prosecution?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Sampling record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Adequate capacity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed

EcoPark Operation
SITE INSPECTION CHECKLIST



2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dusty stockpile is observed
2.17 Measures to prevent the washing away of sand/silt to drains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No sand/silt is generated from the recycling process

3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) SP Licence conditions/monitoring requirements comply?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No loading/unloading of dusty materials is observed
3.4 Dust monitoring record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Shredder is enclosed and connected with dust collector with filter
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.11 Air pollution control system properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not Observed

EcoPark Operation
SITE INSPECTION CHECKLIST



3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not Observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No stockpile of dusty material is observed
3.18 Major dust source(s):	<input type="checkbox"/> Wind erosion	<input type="checkbox"/> Vehicle/equipment movement		
	<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/> Others: n/a		

4. Waste / Chemical Management

General

	N/A	Yes	No	Remarks
4.1 Registered as chemical waste producer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.2 Sufficient receptacles (e.g. rubbish bins) available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.3 Disposed of regularly and properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.4 Sorting of materials on-site for reuse or disposal to designated outlet?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.5 Records of quantities of waste generated, recycled and disposed properly kept?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	To be verified via quarterly report
4.6 Collection of sludge by licensed collector at regular intervals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required

Packaging of Chemical Waste

4.7 Stored in suitable container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.8 Container properly closed or sealed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.9 Spillage cleaned up immediately through the use of absorbent?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No spillage is observed
4.10 Obtained approval for the use of chemical waste container >450L?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Labelling of Chemical Waste

4.11 Provision of chemical waste label?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Label is securely attached and visible?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Label is bilingual and in proper dimension?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c) Information is accurate and sufficient?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Storage of Chemical Waste

4.12 Proper "Chemical Waste" sign displayed?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Follow-up Observation (1)
4.13 Incompatible wastes separated by impermeable partition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Incompatible wastes are not observed
4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.16 Properly stored and locked in designated area with adequate ventilation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.17 Storage area paved with concrete and kept clean and dry?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.18 Cover provided for outdoor storage area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.19 Chemical waste collected by licensed collector?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Liquid Waste Storage

4.20 Storage area provided with permeation-proof floor or surface?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No storage of liquid waste
4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No storage of liquid waste

4.22 Walls or partitions of stacked container storage area constructed of impermeable material? ☒ ☐ ☐ No storage of liquid waste

5. Landfill Gas (LFG) (within LFG Consultation Zone)

	N/A	Yes	No	Remarks
5.1 Alert workers and visitors of possible LFG hazards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Outside LFG consultation zone
5.2 Smoking and open fires prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

6. Others

	N/A	Yes	No	Remarks
6.1 Works confined within lot boundaries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.2 Damage to surrounding areas avoided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.3 Site lighting designed to avoid glare to surrounding receivers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.4 Materials and machinery stored in an orderly manner?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.5 Areas within lot for recycling activities paved with concrete?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.6 Potential stagnant pools cleared and mosquito breeding prevented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.7 Valid calibration certificate for any monitoring equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Storage area in compliance with the approved plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Storage area is securely locked?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Total storage capacity in compliance with relevant statutory requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) Proper labelling provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
e) Dangerous goods properly packaged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Remarks:

Follow-up from Previous Audits

- 1) Improper signage for one of the chemical waste storage areas was observed and could not meet the requirements as stipulated in the *Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes*. The tenant was requested to provide rectification on proper signage. The status will be reviewed in next inspection.



(Observed on 19 Nov 2019)



(Observed on 23 Dec 2019)



(Observed on 23 Dec 2019)

EcoPark Operation
SITE INSPECTION CHECKLIST



New Observation

- No major environmental deficiency was observed.

Signatures:

ET Representative:

A handwritten signature in black ink, appearing to be 'Cindy KWOK', written over a horizontal line.

Name: Cindy KWOK

Date: 2019/12/23

Operator Representative:

A handwritten signature in black ink, appearing to be 'May Wu', written over a horizontal line.

Name: May Wu

Date: 31 DEC 2019

Tenant Representative:

A handwritten signature in blue ink, appearing to be 'Tony Tsai', written over a horizontal line.

Name: TONY TSAI

Date: 2/1/2020

IEC Representative:

A handwritten signature in black ink, appearing to be a diagonal line, written over a horizontal line.

Name:

Date:

Appendix 6.8

Tenant-specific Audit Checklists for the Reporting Quarter WEEE.PARK

EcoPark Operation
SITE INSPECTION CHECKLIST



Inspection Date: Time: Inspected by:
 Lot Number: Tenant:

Weather

Condition: ☐ Sunny ☒ Fine ☐ Overcast ☐ Drizzle ☐ Rain ☐ Storm ☐ Hazy
 Temperature: °C Humidity: ☐ High ☒ Moderate ☐ Low
 Wind: ☒ Calm ☐ Light ☐ Breeze ☐ Strong

1. General

	N/A	Yes	No	Remarks
1.1 Environmental Permit (EP) for Tenant displayed at entrances/exits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EP for tenant is not required
1.2 Environmental Policy documented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.3 Environmental Management Plan (EMP) kept up-to-date?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.4 Emergency Response Plan (ERP) documented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	In-house Emergency Procedure Plan was applied
1.5 All recycling processes in operation have been approved by WRG of EPD?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6 Any record of complaint or prosecution?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Sampling record available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency met the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Self-monitoring when required
c) Monitoring result comply with the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	via petrol interceptor
a) Adequate capacity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed.
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed

SITE INSPECTION CHECKLIST

2.13 Drainage from fuel dispensing area discharged via oil interceptor?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dusty stockpile is observed
2.17 Measures to prevent the washing away of sand/silt to drains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No sand/silt is generated from the recycling process

3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) SP Licence conditions/monitoring requirements comply?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dusty material is not observed
3.4 Air monitoring record available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Monitoring frequency met the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Requirements stipulated in Compliance Audit Report
b) Any exceedance?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Against AQO/USEPA
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Suppression measures provided where main pollutant-generating activities take place (i.e. enclosures or regular dampening)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Use of localised hood and extraction system with HEPA filter for CRT Recovery
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.11 Air pollution control system properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.12 Filtered dust/ fluorescent powder from any air pollution control equipment installed by tenants disposed of as chemical waste?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

EcoPark Operation
SITE INSPECTION CHECKLIST



3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No stockpile of dusty material is observed
3.18 Major dust source(s):	<input type="checkbox"/> Wind erosion	<input type="checkbox"/> Vehicle/equipment movement		
	<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/> Others: n/a		
3.19 Shredding, crushing and sorting processes including CRT dismantling are carried out in enclosed structure(s)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

4. Waste / Chemical Management

General

	N/A	Yes	No	Remarks
4.1 Registered as chemical waste producer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.2 Sufficient receptacles (e.g. rubbish bins) available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.3 Disposed of regularly and properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.4 Sorting of materials on-site for reuse or disposal to designated outlet?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.5 Records of quantities of waste generated, recycled and disposed properly kept?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Verified via quarterly report
4.6 Collection of sludge by licensed collector at regular intervals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required

Packaging of Chemical Waste

4.7 Stored in suitable container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.8 Container properly closed or sealed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.9 Spillage cleaned up immediately through the use of absorbent?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.10 Obtained approval for the use of chemical waste container >450L?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Labelling of Chemical Waste

4.11 Provision of chemical waste label?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Label is securely attached and visible?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Label is bilingual and in proper dimension?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c) Information is accurate and sufficient?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Storage of Chemical Waste

4.12 Proper "Chemical Waste" sign displayed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.13 Incompatible wastes separated by impermeable partition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.16 Properly stored and locked in designated area with adequate ventilation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.17 Storage area paved with concrete and kept clean and dry?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.18 Cover provided for outdoor storage area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.19 Chemical waste collected by licensed collector?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Liquid Waste Storage

4.20 Storage area provided with permeation-proof floor or surface?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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SITE INSPECTION CHECKLIST

4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage? ☐ ☒ ☐ _____

4.22 Walls or partitions of stacked container storage area constructed of impermeable material? ☐ ☒ ☐ _____

5. Landfill Gas (LFG) (within LFG Consultation Zone)

N/A Yes No Remarks

5.1 Alert workers and visitors of possible LFG hazards? ☐ ☒ ☐ _____

5.2 Smoking and open fires prohibited? ☐ ☒ ☐ _____

6. Others

N/A Yes No Remarks

6.1 Works confined within lot boundaries? ☐ ☒ ☐ _____

6.2 Damage to surrounding areas avoided? ☐ ☒ ☐ _____

6.3 Site lighting designed to avoid glare to surrounding receivers? ☒ ☐ ☐ _____

6.4 Materials and machinery stored in an orderly manner? ☐ ☒ ☐ _____

6.5 Areas within lot for recycling activities paved with concrete? ☐ ☒ ☐ _____

6.6 Potential stagnant pools cleared and mosquito breeding prevented? ☐ ☒ ☐ _____

6.7 Valid calibration certificate for any monitoring equipment? ☒ ☐ ☐ Not provided

6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods? ☐ ☒ ☐ _____

a) Storage area in compliance with the approved plan? ☒ ☐ ☐ _____

b) Storage area is securely locked? ☐ ☒ ☐ _____

c) Total storage capacity in compliance with relevant statutory requirement? ☒ ☐ ☐ _____

d) Proper labelling provided? ☐ ☒ ☐ _____

e) Dangerous goods properly packaged? ☒ ☐ ☐ _____

Remarks:**New Observations**

- No major environmental deficiency was observed.

Signatures:

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name: May Wu

Name: Linus Lee

Name:

Date: 2019/10/22

Date: 15 NOV 2019

Date: 2019/11/19

Date:

EcoPark Operation
SITE INSPECTION CHECKLIST



Inspection Date: Time: Inspected by:
 Lot Number: Tenant:

Weather

Condition: ☒ Sunny ☐ Fine ☐ Overcast ☐ Drizzle ☐ Rain ☐ Storm ☐ Hazy
 Temperature: °C Humidity: ☐ High ☒ Moderate ☐ Low
 Wind: ☒ Calm ☐ Light ☐ Breeze ☐ Strong

1. General

	N/A	Yes	No	Remarks
1.1 Environmental Permit (EP) for Tenant displayed at entrances/exits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EP for tenant is not required
1.2 Environmental Policy documented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.3 Environmental Management Plan (EMP) kept up-to-date?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.4 Emergency Response Plan (ERP) documented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	In-house Emergency Procedure Plan was applied
1.5 All recycling processes in operation have been approved by WRG of EPD?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6 Any record of complaint or prosecution?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Sampling record available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency met the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Self-monitoring when required
c) Monitoring result comply with the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	via petrol interceptor
a) Adequate capacity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed.
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed

SITE INSPECTION CHECKLIST

2.13 Drainage from fuel dispensing area discharged via oil interceptor?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dusty stockpile is observed
2.17 Measures to prevent the washing away of sand/silt to drains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No sand/silt is generated from the recycling process

3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) SP Licence conditions/monitoring requirements comply?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dusty material is not observed
3.4 Air monitoring record available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Monitoring frequency met the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Requirements stipulated in Compliance Audit Report
b) Any exceedance?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Against AQO/USEPA
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Suppression measures provided where main pollutant-generating activities take place (i.e. enclosures or regular dampening)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Use of localised hood and extraction system with HEPA filter for CRT Recovery
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.11 Air pollution control system properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.12 Filtered dust/ fluorescent powder from any air pollution control equipment installed by tenants disposed of as chemical waste?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

SITE INSPECTION CHECKLIST

3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No stockpile of dusty material is observed
3.18 Major dust source(s):	<input type="checkbox"/> Wind erosion	<input type="checkbox"/> Vehicle/equipment movement		
	<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/> Others: n/a		
3.19 Shredding, crushing and sorting processes including CRT dismantling are carried out in enclosed structure(s)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

4. Waste / Chemical ManagementGeneral

	N/A	Yes	No	Remarks
4.1 Registered as chemical waste producer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.2 Sufficient receptacles (e.g. rubbish bins) available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.3 Disposed of regularly and properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.4 Sorting of materials on-site for reuse or disposal to designated outlet?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.5 Records of quantities of waste generated, recycled and disposed properly kept?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Verified via quarterly report
4.6 Collection of sludge by licensed collector at regular intervals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required

Packaging of Chemical Waste

4.7 Stored in suitable container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.8 Container properly closed or sealed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.9 Spillage cleaned up immediately through the use of absorbent?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.10 Obtained approval for the use of chemical waste container >450L?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Labelling of Chemical Waste

4.11 Provision of chemical waste label?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	New Observation (1)
a) Label is securely attached and visible?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	New Observation (1)
b) Label is bilingual and in proper dimension?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	New Observation (1)
c) Information is accurate and sufficient?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	New Observation (1)

Storage of Chemical Waste

4.12 Proper "Chemical Waste" sign displayed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.13 Incompatible wastes separated by impermeable partition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.16 Properly stored and locked in designated area with adequate ventilation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.17 Storage area paved with concrete and kept clean and dry?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.18 Cover provided for outdoor storage area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.19 Chemical waste collected by licensed collector?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Liquid Waste Storage

4.20 Storage area provided with permeation-proof floor or surface?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage? ☐ ☒ ☐ _____

4.22 Walls or partitions of stacked container storage area constructed of impermeable material? ☐ ☒ ☐ _____

5. Landfill Gas (LFG) (within LFG Consultation Zone)

N/A Yes No Remarks

5.1 Alert workers and visitors of possible LFG hazards? ☐ ☒ ☐ _____

5.2 Smoking and open fires prohibited? ☐ ☒ ☐ _____

6. Others

N/A Yes No Remarks

6.1 Works confined within lot boundaries? ☐ ☒ ☐ _____

6.2 Damage to surrounding areas avoided? ☐ ☒ ☐ _____

6.3 Site lighting designed to avoid glare to surrounding receivers? ☒ ☐ ☐ _____

6.4 Materials and machinery stored in an orderly manner? ☐ ☒ ☐ _____

6.5 Areas within lot for recycling activities paved with concrete? ☐ ☒ ☐ _____

6.6 Potential stagnant pools cleared and mosquito breeding prevented? ☐ ☒ ☐ _____

6.7 Valid calibration certificate for any monitoring equipment? ☒ ☐ ☐ Not provided

6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods? ☐ ☒ ☐ _____

a) Storage area in compliance with the approved plan? ☒ ☐ ☐ _____

b) Storage area is securely locked? ☐ ☒ ☐ _____

c) Total storage capacity in compliance with relevant statutory requirement? ☒ ☐ ☐ _____

d) Proper labelling provided? ☐ ☒ ☐ _____

e) Dangerous goods properly packaged? ☒ ☐ ☐ _____

Remarks:**New Observation**

- 1) Some of the chemical waste containers which stored in the chemical waste storage area was observed without chemical waste labels. The tenant should provide proper label on each chemical waste container.



(Observed on 19 Nov 2019)

EcoPark Operation
SITE INSPECTION CHECKLIST



Signatures:

ET Representative:

A handwritten signature in black ink, appearing to be 'Cindy KWOK', written over a horizontal line.

Name: Cindy KWOK

Date: 2019/11/19

Operator Representative:

A handwritten signature in black ink, appearing to be 'May Wu', written over a horizontal line.

Name May Wu

Date: 13 DEC 2019

Tenant Representative:

A handwritten signature in blue ink, appearing to be 'Linus Lee', written over a horizontal line.

Name Linus Lee

Date: 2019/12/16

IEC Representative:

A handwritten signature in black ink, appearing to be 'Kin LO', written over a horizontal line.

Name: Kin LO

Date: 2019/12/13

EcoPark Operation
SITE INSPECTION CHECKLIST



Inspection Date: Time: Inspected by:
 Lot Number: Tenant:

Weather

Condition: ☒ Sunny ☐ Fine ☐ Overcast ☐ Drizzle ☐ Rain ☐ Storm ☐ Hazy
 Temperature: °C Humidity: ☐ High ☒ Moderate ☐ Low
 Wind: ☐ Calm ☒ Light ☐ Breeze ☐ Strong

1. General

	N/A	Yes	No	Remarks
1.1 Environmental Permit (EP) for Tenant displayed at entrances/exits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EP for tenant is not required
1.2 Environmental Policy documented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.3 Environmental Management Plan (EMP) kept up-to-date?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.4 Emergency Response Plan (ERP) documented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	In-house Emergency Procedure Plan was applied
1.5 All recycling processes in operation have been approved by WRG of EPD?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6 Any record of complaint or prosecution?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Sampling record available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency met the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Self-monitoring when required
c) Monitoring result comply with the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	via petrol interceptor
a) Adequate capacity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed.
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed

SITE INSPECTION CHECKLIST

2.13 Drainage from fuel dispensing area discharged via oil interceptor?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dusty stockpile is observed
2.17 Measures to prevent the washing away of sand/silt to drains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No sand/silt is generated from the recycling process

3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) SP Licence conditions/monitoring requirements comply?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2 Operate without generation of noticeable odour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No operation is observed during inspection
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dusty material is not observed
3.4 Air monitoring record available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Monitoring frequency met the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Requirements stipulated in Compliance Audit Report
b) Any exceedance?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Against AQO/USEPA
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Suppression measures provided where main pollutant-generating activities take place (i.e. enclosures or regular dampening)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Use of localised hood and extraction system with HEPA filter for CRT Recovery
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No operation is observed during inspection
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.11 Air pollution control system properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.12 Filtered dust/ fluorescent powder from any air pollution control equipment installed by tenants disposed of as chemical waste?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

SITE INSPECTION CHECKLIST

3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No stockpile of dusty material is observed
3.18 Major dust source(s):	<input type="checkbox"/> Wind erosion	<input type="checkbox"/> Vehicle/equipment movement		
	<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/> Others: n/a		
3.19 Shredding, crushing and sorting processes including CRT dismantling are carried out in enclosed structure(s)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

4. Waste / Chemical ManagementGeneral

	N/A	Yes	No	Remarks
4.1 Registered as chemical waste producer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.2 Sufficient receptacles (e.g. rubbish bins) available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.3 Disposed of regularly and properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.4 Sorting of materials on-site for reuse or disposal to designated outlet?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.5 Records of quantities of waste generated, recycled and disposed properly kept?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Verified via quarterly report
4.6 Collection of sludge by licensed collector at regular intervals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required

Packaging of Chemical Waste

4.7 Stored in suitable container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.8 Container properly closed or sealed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.9 Spillage cleaned up immediately through the use of absorbent?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.10 Obtained approval for the use of chemical waste container >450L?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Labelling of Chemical Waste

4.11 Provision of chemical waste label?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Follow-up Observation (1)
a) Label is securely attached and visible?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Follow-up Observation (1)
b) Label is bilingual and in proper dimension?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Follow-up Observation (1)
c) Information is accurate and sufficient?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Follow-up Observation (1)

Storage of Chemical Waste

4.12 Proper "Chemical Waste" sign displayed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.13 Incompatible wastes separated by impermeable partition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.16 Properly stored and locked in designated area with adequate ventilation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.17 Storage area paved with concrete and kept clean and dry?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.18 Cover provided for outdoor storage area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.19 Chemical waste collected by licensed collector?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Liquid Waste Storage

4.20 Storage area provided with permeation-proof floor or surface?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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EcoPark Operation
SITE INSPECTION CHECKLIST



- 4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage? ☐ ☒ ☐ _____
- 4.22 Walls or partitions of stacked container storage area constructed of impermeable material? ☐ ☒ ☐ _____

5. Landfill Gas (LFG) (within LFG Consultation Zone)

N/A Yes No Remarks

- 5.1 Alert workers and visitors of possible LFG hazards? ☐ ☒ ☐ _____
- 5.2 Smoking and open fires prohibited? ☐ ☒ ☐ _____

6. Others

N/A Yes No Remarks

- 6.1 Works confined within lot boundaries? ☐ ☒ ☐ _____
- 6.2 Damage to surrounding areas avoided? ☐ ☒ ☐ _____
- 6.3 Site lighting designed to avoid glare to surrounding receivers? ☒ ☐ ☐ _____
- 6.4 Materials and machinery stored in an orderly manner? ☐ ☒ ☐ _____
- 6.5 Areas within lot for recycling activities paved with concrete? ☐ ☒ ☐ _____
- 6.6 Potential stagnant pools cleared and mosquito breeding prevented? ☐ ☒ ☐ _____
- 6.7 Valid calibration certificate for any monitoring equipment? ☒ ☐ ☐ Not provided
- 6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods?
- a) Storage area in compliance with the approved plan? ☒ ☐ ☐ _____
- b) Storage area is securely locked? ☐ ☒ ☐ _____
- c) Total storage capacity in compliance with relevant statutory requirement? ☒ ☐ ☐ _____
- d) Proper labelling provided? ☐ ☒ ☐ _____
- e) Dangerous goods properly packaged? ☒ ☐ ☐ _____

Remarks:

Follow-up from Previous Audits

- 1) Some of the chemical waste containers which has been stored in the chemical waste storage area were observed without chemical waste labels. The tenant should provide proper label on each chemical waste container. The status will be reviewed in next inspection.



(Observed on 19 Nov 2019)



(Observed on 23 Dec 2019)



(Observed on 23 Dec 2019)

EcoPark Operation
SITE INSPECTION CHECKLIST



New Observation

- No major environmental deficiency was observed.

Signatures:

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

A handwritten signature in black ink, appearing to be 'Cindy KWOK', written over a horizontal line.

A handwritten signature in black ink, appearing to be 'May Wu', written over a horizontal line.

A handwritten signature in blue ink, appearing to be 'Linus Lee', written over a horizontal line.

A handwritten signature in black ink, appearing to be a simple diagonal line, written over a horizontal line.

Name: Cindy KWOK

Name May Wu

Name Linus Lee

Name:

Date: 2019/12/23

Date: 31 DEC 2019

Date: 2/1/2020

Date:

Appendix 6.9

Tenant-specific Audit Checklists for the Reporting Quarter On Fat Lung Innovative Resources Ltd

SITE INSPECTION CHECKLIST

Inspection Date: 2019/10/22

Time: 10:45

Inspected by: Cindy KWOK, Sam CHAN

Lot Number: P8

Tenant: On Fat Lung

Weather

Condition: ☐ Sunny ☒ Fine ☐ Overcast ☐ Drizzle ☐ Rain ☐ Storm ☐ Hazy
 Temperature: 25 °C Humidity: ☐ High ☒ Moderate ☐ Low
 Wind: ☒ Calm ☐ Light ☐ Breeze ☐ Strong

1. General

	N/A	Yes	No	Remarks
1.1 Environmental Permit (EP) for Tenant displayed at entrances/exits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EP for tenant is not required.
1.2 Environmental Policy documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's Environmental Policy is followed
1.3 Environmental Management Plan (EMP) kept up-to-date?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's EMP is followed
1.4 Emergency Response Plan (ERP) documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's ERP is followed
1.5 All recycling processes in operation have been approved by WRG of EPD?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6 Any record of complaint or prosecution?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No wastewater is generated from recycling process
a) Sampling record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No wastewater is generated from recycling process
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Adequate capacity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed.
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water was observed

SITE INSPECTION CHECKLIST

2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No rainstorm during inspection
2.17 Measures to prevent the washing away of sand/silt to drains?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) SP Licence conditions/monitoring requirements comply?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No loading/unloading of dusty materials is observed
3.4 Dust monitoring record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dust-generating activity is not observed
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.11 Air pollution control system properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Via enclosure
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

SITE INSPECTION CHECKLIST

3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	New Observation (1)
3.18 Major dust source(s):	<input type="checkbox"/> Wind erosion	<input type="checkbox"/> Vehicle/equipment movement		
	<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/> Others:	No dust is observed	

4. Waste / Chemical Management**General**

	N/A	Yes	No	Remarks
4.1 Registered as chemical waste producer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.2 Sufficient receptacles (e.g. rubbish bins) available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.3 Disposed of regularly and properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.4 Sorting of materials on-site for reuse or disposal to designated outlet?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.5 Records of quantities of waste generated, recycled and disposed properly kept?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Verified via quarterly report
4.6 Collection of sludge by licensed collector at regular intervals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Packaging of Chemical Waste

4.7 Stored in suitable container?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.8 Container properly closed or sealed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.9 Spillage cleaned up immediately through the use of absorbent?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.10 Obtained approval for the use of chemical waste container >450L?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Labelling of Chemical Waste

4.11 Provision of chemical waste label?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Label is securely attached and visible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Label is bilingual and in proper dimension?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Information is accurate and sufficient?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Storage of Chemical Waste

4.12 Proper "Chemical Waste" sign displayed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.13 Incompatible wastes separated by impermeable partition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.16 Properly stored and locked in designated area with adequate ventilation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	New Observation (2)
4.17 Storage area paved with concrete and kept clean and dry?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.18 Cover provided for outdoor storage area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.19 Chemical waste collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Liquid Waste Storage

4.20 Storage area provided with permeation-proof floor or surface?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

4.22 Walls or partitions of stacked container storage area constructed of impermeable material? ☒ ☐ ☐ _____

5. Landfill Gas (LFG) (within LFG Consultation Zone)

N/A Yes No Remarks

5.1 Alert workers and visitors of possible LFG hazards? ☐ ☒ ☐ _____

5.2 Smoking and open fires prohibited? ☐ ☒ ☐ _____

6. Others

N/A Yes No Remarks

6.1 Works confined within lot boundaries? ☐ ☒ ☐ _____

6.2 Damage to surrounding areas avoided? ☐ ☒ ☐ _____

6.3 Site lighting designed to avoid glare to surrounding receivers? ☒ ☐ ☐ _____

6.4 Materials and machinery stored in an orderly manner? ☐ ☒ ☐ _____

6.5 Areas within lot for recycling activities paved with concrete? ☐ ☒ ☐ _____

6.6 Potential stagnant pools cleared and mosquito breeding prevented? ☐ ☒ ☐ _____

6.7 Valid calibration certificate for any monitoring equipment? ☒ ☐ ☐ Not required

6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods? ☒ ☐ ☐ Not required

a) Storage area in compliance with the approved plan? ☒ ☐ ☐ _____

b) Storage area is securely locked? ☒ ☐ ☐ _____

c) Total storage capacity in compliance with relevant statutory requirement? ☒ ☐ ☐ _____

d) Proper labelling provided? ☒ ☐ ☐ _____

e) Dangerous goods properly packaged? ☒ ☐ ☐ _____

Remarks:**New Observations**

- 1) Dusty stockpiles was not entirely covered. The tenant was reminded to entirely cover the dusty stockpiles with impervious sheeting.



(Observed on 22 Oct 2019)

- 2) Chemical containers were observed without provision of drip tray. The tenant was reminded to properly store the chemical containers on site.



(Observed on 22 Oct 2019)

Signatures:

ET Representative:



Name: Cindy KWOK

Date: 2019/10/22

Operator Representative:



Name: May Wu

Date: 15 NOV 2019

Tenant Representative:



Name: KWAN Wing ON

Date: 21-11-2019

IEC Representative:



Name: Kin LO

Date: 2019/11/15

SITE INSPECTION CHECKLIST

Inspection Date: 2019/11/19

Time: 10:50

Inspected by: Cindy KWOK, Sam CHAN

Lot Number: P8

Tenant: On Fat Lung

Weather

Condition: ☒ Sunny ☐ Fine ☐ Overcast ☐ Drizzle ☐ Rain ☐ Storm ☐ Hazy
 Temperature: 25 °C Humidity: ☐ High ☒ Moderate ☐ Low
 Wind: ☒ Calm ☐ Light ☐ Breeze ☐ Strong

1. General

	N/A	Yes	No	Remarks
1.1 Environmental Permit (EP) for Tenant displayed at entrances/exits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EP for tenant is not required.
1.2 Environmental Policy documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's Environmental Policy is followed
1.3 Environmental Management Plan (EMP) kept up-to-date?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's EMP is followed
1.4 Emergency Response Plan (ERP) documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's ERP is followed
1.5 All recycling processes in operation have been approved by WRG of EPD?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6 Any record of complaint or prosecution?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No wastewater is generated from recycling process
a) Sampling record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No wastewater is generated from recycling process
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Adequate capacity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed.
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water was observed

SITE INSPECTION CHECKLIST

2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No rainstorm during inspection
2.17 Measures to prevent the washing away of sand/silt to drains?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) SP Licence conditions/ monitoring requirements comply?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No loading/unloading of dusty materials is observed
3.4 Dust monitoring record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dust-generating activity is not observed
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.11 Air pollution control system properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Via enclosure
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

SITE INSPECTION CHECKLIST

3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Follow-up Observation (1)
3.18 Major dust source(s):	<input type="checkbox"/> Wind erosion	<input type="checkbox"/> Vehicle/equipment movement		
	<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/> Others:	No dust is observed	

4. Waste / Chemical ManagementGeneral

	N/A	Yes	No	Remarks
4.1 Registered as chemical waste producer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.2 Sufficient receptacles (e.g. rubbish bins) available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.3 Disposed of regularly and properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.4 Sorting of materials on-site for reuse or disposal to designated outlet?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.5 Records of quantities of waste generated, recycled and disposed properly kept?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Verified via quarterly report
4.6 Collection of sludge by licensed collector at regular intervals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Packaging of Chemical Waste

4.7 Stored in suitable container?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.8 Container properly closed or sealed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.9 Spillage cleaned up immediately through the use of absorbent?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.10 Obtained approval for the use of chemical waste container >450L?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Labelling of Chemical Waste

4.11 Provision of chemical waste label?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Label is securely attached and visible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Label is bilingual and in proper dimension?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Information is accurate and sufficient?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Storage of Chemical Waste

4.12 Proper "Chemical Waste" sign displayed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.13 Incompatible wastes separated by impermeable partition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.16 Properly stored and locked in designated area with adequate ventilation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Follow-up Observation (2)
4.17 Storage area paved with concrete and kept clean and dry?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.18 Cover provided for outdoor storage area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.19 Chemical waste collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Liquid Waste Storage

4.20 Storage area provided with permeation-proof floor or surface?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

4.22 Walls or partitions of stacked container storage area constructed of impermeable material? ☒ ☐ ☐ _____

5. Landfill Gas (LFG) (within LFG Consultation Zone)

N/A Yes No Remarks

5.1 Alert workers and visitors of possible LFG hazards? ☐ ☒ ☐ _____

5.2 Smoking and open fires prohibited? ☐ ☒ ☐ _____

6. Others

N/A Yes No Remarks

6.1 Works confined within lot boundaries? ☐ ☒ ☐ _____

6.2 Damage to surrounding areas avoided? ☐ ☒ ☐ _____

6.3 Site lighting designed to avoid glare to surrounding receivers? ☒ ☐ ☐ _____

6.4 Materials and machinery stored in an orderly manner? ☐ ☒ ☐ _____

6.5 Areas within lot for recycling activities paved with concrete? ☐ ☒ ☐ _____

6.6 Potential stagnant pools cleared and mosquito breeding prevented? ☐ ☒ ☐ _____

6.7 Valid calibration certificate for any monitoring equipment? ☒ ☐ ☐ Not required

6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods? ☒ ☐ ☐ Not required

a) Storage area in compliance with the approved plan? ☒ ☐ ☐ _____

b) Storage area is securely locked? ☒ ☐ ☐ _____

c) Total storage capacity in compliance with relevant statutory requirement? ☒ ☐ ☐ _____

d) Proper labelling provided? ☒ ☐ ☐ _____

e) Dangerous goods properly packaged? ☒ ☐ ☐ _____

Remarks:**Follow-up from Previous Audits**

- 1) Dusty stockpiles was covered as observed.



(Observed on 22 Oct 2019)



(Observed on 19 Nov 2019)

- 2) Chemical containers were removed by the tenant.



(Observed on 22 Oct 2019)



(Observed on 19 Nov 2019)

New Observation

- No major environmental deficiency was observed.

Signatures:

ET Representative:



Name: Cindy KWOK

Date: 2019/11/19

Operator Representative:



Name: May Wu
Date: 13 DEC 2019

Tenant Representative:



Name: Mr. Kuan
Date: 16-12-2019

IEC Representative:



Name: Kin LO
Date: 2019/12/13

EcoPark Operation
SITE INSPECTION CHECKLIST



Inspection Date:
 Lot Number:

Time:
 Tenant:

Inspected by:

Weather

Condition: ☒ Sunny ☐ Fine ☐ Overcast ☐ Drizzle ☐ Rain ☐ Storm ☐ Hazy
 Temperature: °C Humidity: ☐ High ☒ Moderate ☐ Low
 Wind: ☐ Calm ☒ Light ☐ Breeze ☐ Strong

1. General

	N/A	Yes	No	Remarks
1.1 Environmental Permit (EP) for Tenant displayed at entrances/exits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EP for tenant is not required.
1.2 Environmental Policy documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's Environmental Policy is followed
1.3 Environmental Management Plan (EMP) kept up-to-date?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's EMP is followed
1.4 Emergency Response Plan (ERP) documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's ERP is followed
1.5 All recycling processes in operation have been approved by WRG of EPD?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6 Any record of complaint or prosecution?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No wastewater is generated from recycling process
a) Sampling record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No wastewater is generated from recycling process
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Adequate capacity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed.
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water was observed

SITE INSPECTION CHECKLIST

2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No rainstorm during inspection
2.17 Measures to prevent the washing away of sand/silt to drains?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) SP Licence conditions / monitoring requirements comply?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2 Operate without generation of noticeable odour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No operation is observed during inspection
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No loading/unloading of dusty materials is observed
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.4 Dust monitoring record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dust-generating activity is not observed
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No operation is observed during inspection
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.11 Air pollution control system properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Via enclosure
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

EcoPark Operation
SITE INSPECTION CHECKLIST



3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	New Observation (1)
3.18 Major dust source(s):	<input checked="" type="checkbox"/> Wind erosion	<input type="checkbox"/> Vehicle/equipment movement		
	<input type="checkbox"/> Loading/unloading of materials	<input type="checkbox"/> Others:		

4. Waste / Chemical Management

General

	N/A	Yes	No	Remarks
4.1 Registered as chemical waste producer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.2 Sufficient receptacles (e.g. rubbish bins) available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.3 Disposed of regularly and properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.4 Sorting of materials on-site for reuse or disposal to designated outlet?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.5 Records of quantities of waste generated, recycled and disposed properly kept?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Verified via quarterly report
4.6 Collection of sludge by licensed collector at regular intervals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Packaging of Chemical Waste

4.7 Stored in suitable container?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.8 Container properly closed or sealed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.9 Spillage cleaned up immediately through the use of absorbent?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.10 Obtained approval for the use of chemical waste container >450L?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Labelling of Chemical Waste

4.11 Provision of chemical waste label?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Label is securely attached and visible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Label is bilingual and in proper dimension?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Information is accurate and sufficient?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Storage of Chemical Waste

4.12 Proper "Chemical Waste" sign displayed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.13 Incompatible wastes separated by impermeable partition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.16 Properly stored and locked in designated area with adequate ventilation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.17 Storage area paved with concrete and kept clean and dry?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.18 Cover provided for outdoor storage area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.19 Chemical waste collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Liquid Waste Storage

4.20 Storage area provided with permeation-proof floor or surface?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

EcoPark Operation
SITE INSPECTION CHECKLIST



4.22 Walls or partitions of stacked container storage area constructed of impermeable material? ☒ ☐ ☐ _____

5. Landfill Gas (LFG) (within LFG Consultation Zone)

N/A Yes No Remarks

5.1 Alert workers and visitors of possible LFG hazards? ☐ ☒ ☐ _____

5.2 Smoking and open fires prohibited? ☐ ☒ ☐ _____

6. Others

N/A Yes No Remarks

6.1 Works confined within lot boundaries? ☐ ☒ ☐ _____

6.2 Damage to surrounding areas avoided? ☐ ☒ ☐ _____

6.3 Site lighting designed to avoid glare to surrounding receivers? ☒ ☐ ☐ _____

6.4 Materials and machinery stored in an orderly manner? ☐ ☒ ☐ _____

6.5 Areas within lot for recycling activities paved with concrete? ☐ ☒ ☐ _____

6.6 Potential stagnant pools cleared and mosquito breeding prevented? ☐ ☒ ☐ _____

6.7 Valid calibration certificate for any monitoring equipment? ☒ ☐ ☐ Not required

6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods? ☒ ☐ ☐ Not required

a) Storage area in compliance with the approved plan? ☒ ☐ ☐ _____

b) Storage area is securely locked? ☒ ☐ ☐ _____

c) Total storage capacity in compliance with relevant statutory requirement? ☒ ☐ ☐ _____

d) Proper labelling provided? ☒ ☐ ☐ _____

e) Dangerous goods properly packaged? ☒ ☐ ☐ _____

Remarks:

New Observation

- 1) Dusty stockpile was not entirely covered. The tenant was requested to entirely cover the dusty stockpile with impervious sheeting. The status will be reviewed in next inspection.



(Observed on 23 Dec 2019)

Signatures:

ET Representative:

Name: Cindy KWOK

Date: 2019/12/23

Operator Representative:

Name: May Wu
Date: 31 DEC 2019

Tenant Representative:

Name: Mr. Kwan Wing On
Date: 03-1-20

IEC Representative:

Name: Tiffany TAM
Date: 2019/12/31

Appendix 6.10

Tenant-specific Audit Checklists for the Reporting Quarter Lot T7 (FWMG of EPD) Checklist

EcoPark Operation
SITE INSPECTION CHECKLIST



Inspection Date: Time: Inspected by:
 Lot Number: Tenant:

Weather

Condition: ☐ Sunny ☒ Fine ☐ Overcast ☐ Drizzle ☐ Rain ☐ Storm ☐ Hazy
 Temperature: °C Humidity: ☐ High ☒ Moderate ☐ Low
 Wind: ☒ Calm ☐ Light ☐ Breeze ☐ Strong

1. General

	N/A	Yes	No	Remarks
1.1 Environmental Permit (EP) for Tenant displayed at entrances/exits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EP for tenant is not required
1.2 Environmental Policy documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's Environmental Policy is followed
1.3 Environmental Management Plan (EMP) kept up-to-date?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's EMP is followed
1.4 Emergency Response Plan (ERP) documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's ERP is followed
1.5 All recycling processes in operation have been approved by WRG of EPD?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6 Any record of complaint or prosecution?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No wastewater is generated from the recycling process
a) Sampling record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Adequate capacity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recycling process has low risk of contamination
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed.
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed

SITE INSPECTION CHECKLIST

2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No rainstorm during inspection No sand/silt is generated from the recycling process
2.17 Measures to prevent the washing away of sand/silt to drains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) SP Licence conditions/monitoring requirements comply?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dampening of waste wood affects the wood quality and is therefore not applicable
3.4 Dust monitoring record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No operation is observed during inspection
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.11 Air pollution control system properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

EcoPark Operation
SITE INSPECTION CHECKLIST



3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dampening of waste wood affects the wood quality and is therefore not applicable
3.18 Major dust source(s):	<input type="checkbox"/> Wind erosion	<input type="checkbox"/> Vehicle/equipment movement		
	<input type="checkbox"/> Loading/unloading of materials	<input type="checkbox"/> Others:		

4. Waste / Chemical Management

General

	N/A	Yes	No	Remarks
4.1 Registered as chemical waste producer?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No chemical waste is observed
4.2 Sufficient receptacles (e.g. rubbish bins) available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.3 Disposed of regularly and properly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.4 Sorting of materials on-site for reuse or disposal to designated outlet?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.5 Records of quantities of waste generated, recycled and disposed properly kept?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.6 Collection of sludge by licensed collector at regular intervals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required

Packaging of Chemical Waste

4.7 Stored in suitable container?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.8 Container properly closed or sealed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.9 Spillage cleaned up immediately through the use of absorbent?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.10 Obtained approval for the use of chemical waste container >450L?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Labelling of Chemical Waste

4.11 Provision of chemical waste label?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Label is securely attached and visible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Label is bilingual and in proper dimension?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Information is accurate and sufficient?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Storage of Chemical Waste

4.12 Proper "Chemical Waste" sign displayed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.13 Incompatible wastes separated by impermeable partition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.16 Properly stored and locked in designated area with adequate ventilation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.17 Storage area paved with concrete and kept clean and dry?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.18 Cover provided for outdoor storage area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.19 Chemical waste collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Liquid Waste Storage

4.20 Storage area provided with permeation-proof floor or surface?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

EcoPark Operation
SITE INSPECTION CHECKLIST



4.22 Walls or partitions of stacked container storage area constructed of impermeable material? ☒ ☐ ☐ _____

5. Landfill Gas (LFG) (within LFG Consultation Zone)

	N/A	Yes	No	Remarks
5.1 Alert workers and visitors of possible LFG hazards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Outside LFG consultation zone
5.2 Smoking and open fires prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

6. Others

	N/A	Yes	No	Remarks
6.1 Works confined within lot boundaries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.2 Damage to surrounding areas avoided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.3 Site lighting designed to avoid glare to surrounding receivers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.4 Materials and machinery stored in an orderly manner?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.5 Areas within lot for recycling activities paved with concrete?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.6 Potential stagnant pools cleared and mosquito breeding prevented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.7 Valid calibration certificate for any monitoring equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No monitoring is required
6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Storage area in compliance with the approved plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Storage area is securely locked?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Total storage capacity in compliance with relevant statutory requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) Proper labelling provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
e) Dangerous goods properly packaged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Remarks:

New Observations

- No major environmental deficiency was observed.

Signatures:

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name: May WU

Name: RENE TAN

Name: Kin LO

Date: 2019/10/22

Date: 15 NOV 2019

Date: 18/11/2019

Date: 2019/11/15

SITE INSPECTION CHECKLIST

Inspection Date: 2019/11/19

Time: 10:35

Inspected by: Cindy KWOK, Sam CHAN

Lot Number: T7

Tenant: FWMG (Wood)

Weather

Condition: ☒ Sunny ☐ Fine ☐ Overcast ☐ Drizzle ☐ Rain ☐ Storm ☐ Hazy
 Temperature: 25 °C Humidity: ☐ High ☒ Moderate ☐ Low
 Wind: ☒ Calm ☐ Light ☐ Breeze ☐ Strong

1. General

	N/A	Yes	No	Remarks
1.1 Environmental Permit (EP) for Tenant displayed at entrances/exits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EP for tenant is not required
1.2 Environmental Policy documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's Environmental Policy is followed
1.3 Environmental Management Plan (EMP) kept up-to-date?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's EMP is followed
1.4 Emergency Response Plan (ERP) documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's ERP is followed
1.5 All recycling processes in operation have been approved by WRG of EPD?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6 Any record of complaint or prosecution?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No wastewater is generated from the recycling process
a) Sampling record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Adequate capacity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recycling process has low risk of contamination
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed.
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed

SITE INSPECTION CHECKLIST

2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No rainstorm during inspection No sand/silt is generated from the recycling process
2.17 Measures to prevent the washing away of sand/silt to drains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) SP Licence conditions/monitoring requirements comply?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2 Operate without generation of noticeable odour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No operation is observed during inspection
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dampening of waste wood affects the wood quality and is therefore not applicable
3.4 Dust monitoring record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No operation is observed during inspection
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.11 Air pollution control system properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

EcoPark Operation
SITE INSPECTION CHECKLIST



3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dampening of waste wood affects the wood quality and is therefore not applicable
3.18 Major dust source(s):	<input type="checkbox"/> Wind erosion	<input type="checkbox"/> Vehicle/equipment movement		
	<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/> Others:	No dust is observed	

4. Waste / Chemical Management

General

	N/A	Yes	No	Remarks
4.1 Registered as chemical waste producer?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No chemical waste is observed
4.2 Sufficient receptacles (e.g. rubbish bins) available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.3 Disposed of regularly and properly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.4 Sorting of materials on-site for reuse or disposal to designated outlet?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.5 Records of quantities of waste generated, recycled and disposed properly kept?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.6 Collection of sludge by licensed collector at regular intervals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required

Packaging of Chemical Waste

4.7 Stored in suitable container?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.8 Container properly closed or sealed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.9 Spillage cleaned up immediately through the use of absorbent?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.10 Obtained approval for the use of chemical waste container >450L?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Labelling of Chemical Waste

4.11 Provision of chemical waste label?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Label is securely attached and visible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Label is bilingual and in proper dimension?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Information is accurate and sufficient?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Storage of Chemical Waste

4.12 Proper "Chemical Waste" sign displayed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.13 Incompatible wastes separated by impermeable partition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.16 Properly stored and locked in designated area with adequate ventilation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.17 Storage area paved with concrete and kept clean and dry?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.18 Cover provided for outdoor storage area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.19 Chemical waste collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Liquid Waste Storage

4.20 Storage area provided with permeation-proof floor or surface?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

EcoPark Operation
SITE INSPECTION CHECKLIST



4.22 Walls or partitions of stacked container storage area constructed of impermeable material? ☒ ☐ ☐ _____

5. Landfill Gas (LFG) (within LFG Consultation Zone)

N/A Yes No Remarks

5.1 Alert workers and visitors of possible LFG hazards? ☒ ☐ ☐ Outside LFG consultation zone

5.2 Smoking and open fires prohibited? ☐ ☒ ☐ _____

6. Others

N/A Yes No Remarks

6.1 Works confined within lot boundaries? ☐ ☒ ☐ _____

6.2 Damage to surrounding areas avoided? ☐ ☒ ☐ _____

6.3 Site lighting designed to avoid glare to surrounding receivers? ☒ ☐ ☐ _____

6.4 Materials and machinery stored in an orderly manner? ☐ ☒ ☐ _____

6.5 Areas within lot for recycling activities paved with concrete? ☐ ☒ ☐ _____

6.6 Potential stagnant pools cleared and mosquito breeding prevented? ☐ ☒ ☐ _____

6.7 Valid calibration certificate for any monitoring equipment? ☒ ☐ ☐ No monitoring is required

6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods? ☒ ☐ ☐ Not required

a) Storage area in compliance with the approved plan? ☒ ☐ ☐ _____

b) Storage area is securely locked? ☒ ☐ ☐ _____

c) Total storage capacity in compliance with relevant statutory requirement? ☒ ☐ ☐ _____

d) Proper labelling provided? ☒ ☐ ☐ _____

e) Dangerous goods properly packaged? ☒ ☐ ☐ _____

Remarks:

New Observation

- No major environmental deficiency was observed.

Signatures:

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name: May Wu

Name: Kin LO

Name: Kin LO

Date: 2019/11/19

Date: 13/12/2019

Date:

Date: 2019/12/13

EcoPark Operation
SITE INSPECTION CHECKLIST



Inspection Date: Time: Inspected by:
 Lot Number: Tenant:

Weather

Condition: ☒ Sunny ☐ Fine ☐ Overcast ☐ Drizzle ☐ Rain ☐ Storm ☐ Hazy
 Temperature: °C Humidity: ☐ High ☒ Moderate ☐ Low
 Wind: ☐ Calm ☒ Light ☐ Breeze ☐ Strong

1. General

	N/A	Yes	No	Remarks
1.1 Environmental Permit (EP) for Tenant displayed at entrances/exits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EP for tenant is not required
1.2 Environmental Policy documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's Environmental Policy is followed
1.3 Environmental Management Plan (EMP) kept up-to-date?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's EMP is followed
1.4 Emergency Response Plan (ERP) documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	UPML's ERP is followed
1.5 All recycling processes in operation have been approved by WRG of EPD?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
1.6 Any record of complaint or prosecution?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No wastewater is generated from the recycling process
a) Sampling record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Adequate capacity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recycling process has low risk of contamination
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed.
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed

EcoPark Operation
SITE INSPECTION CHECKLIST



2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No rainstorm during inspection No sand/silt is generated from the recycling process
2.17 Measures to prevent the washing away of sand/silt to drains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) SP Licence conditions/monitoring requirements comply?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2 Operate without generation of noticeable odour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No operation is observed during inspection
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dampening of waste wood affects the wood quality and is therefore not applicable
3.4 Dust monitoring record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No operation is observed during inspection
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.11 Air pollution control system properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

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3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dampening of waste wood affects the wood quality and is therefore not applicable
3.18 Major dust source(s):	<input type="checkbox"/> Wind erosion	<input type="checkbox"/> Vehicle/equipment movement		
	<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/> Others: n/a		

4. Waste / Chemical Management

General

	N/A	Yes	No	Remarks
4.1 Registered as chemical waste producer?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No chemical waste is observed
4.2 Sufficient receptacles (e.g. rubbish bins) available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.3 Disposed of regularly and properly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.4 Sorting of materials on-site for reuse or disposal to designated outlet?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4.5 Records of quantities of waste generated, recycled and disposed properly kept?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.6 Collection of sludge by licensed collector at regular intervals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required

Packaging of Chemical Waste

4.7 Stored in suitable container?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.8 Container properly closed or sealed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.9 Spillage cleaned up immediately through the use of absorbent?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.10 Obtained approval for the use of chemical waste container >450L?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Labelling of Chemical Waste

4.11 Provision of chemical waste label?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Label is securely attached and visible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Label is bilingual and in proper dimension?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Information is accurate and sufficient?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Storage of Chemical Waste

4.12 Proper "Chemical Waste" sign displayed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.13 Incompatible wastes separated by impermeable partition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.16 Properly stored and locked in designated area with adequate ventilation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.17 Storage area paved with concrete and kept clean and dry?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.18 Cover provided for outdoor storage area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.19 Chemical waste collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Liquid Waste Storage

4.20 Storage area provided with permeation-proof floor or surface?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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SITE INSPECTION CHECKLIST



4.22 Walls or partitions of stacked container storage area constructed of impermeable material? ☒ ☐ ☐ _____

5. Landfill Gas (LFG) (within LFG Consultation Zone)

N/A Yes No Remarks

5.1 Alert workers and visitors of possible LFG hazards? ☒ ☐ ☐ Outside LFG consultation zone

5.2 Smoking and open fires prohibited? ☐ ☒ ☐ _____

6. Others

N/A Yes No Remarks

6.1 Works confined within lot boundaries? ☐ ☒ ☐ _____

6.2 Damage to surrounding areas avoided? ☐ ☒ ☐ _____

6.3 Site lighting designed to avoid glare to surrounding receivers? ☒ ☐ ☐ _____

6.4 Materials and machinery stored in an orderly manner? ☐ ☒ ☐ _____

6.5 Areas within lot for recycling activities paved with concrete? ☐ ☒ ☐ _____

6.6 Potential stagnant pools cleared and mosquito breeding prevented? ☐ ☒ ☐ _____

6.7 Valid calibration certificate for any monitoring equipment? ☒ ☐ ☐ No monitoring is required

6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods? ☒ ☐ ☐ Not required

a) Storage area in compliance with the approved plan? ☒ ☐ ☐ _____

b) Storage area is securely locked? ☒ ☐ ☐ _____

c) Total storage capacity in compliance with relevant statutory requirement? ☒ ☐ ☐ _____

d) Proper labelling provided? ☒ ☐ ☐ _____

e) Dangerous goods properly packaged? ☒ ☐ ☐ _____

Remarks:

New Observation

- No major environmental deficiency was observed.

Signatures:

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name: May Wu

Name: RENE TAN

Name: Tiffany TAM

Date: 2019/12/23

Date: 31 DEC 2019

Date: 6/1/2020

Date: 2019/12/31

Appendix 6.11

Tenant-specific Audit Checklists for the Reporting Quarter General EcoPark Checklist

SITE INSPECTION CHECKLIST

Inspection Date: 2019/10/22

Time: 09:30 - 12:30

Inspected by: Cindy KWOK, Sam CHAN

Lot Number: n/a

Tenant: n/a

WeatherCondition: ☐ Sunny ☒ Fine ☐ Overcast ☐ Drizzle ☐ Rain ☐ Storm ☐ HazyTemperature: 25 °C Humidity: ☐ High ☒ Moderate ☐ LowWind: ☒ Calm ☐ Light ☐ Breeze ☐ Strong**New Observation****HKBRC**

- No major environmental deficiency was observed.

Baguio

- No major environmental deficiency was observed.

3R

- No major environmental deficiency was observed.

Other Areas

- No major environmental deficiency was observed.

Signatures:

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name: May Wu

Name:

Name: Kin LO

Date: 2019/10/22

Date: 15 NOV 2019

Date:

Date: 2019/11/15

SITE INSPECTION CHECKLIST

Inspection Date: 2019/11/19

Time: 09:30 - 12:30

Inspected by: Cindy KWOK, Sam CHAN

Lot Number: n/a

Tenant: n/a

WeatherCondition: ☒ Sunny ☐ Fine ☐ Overcast ☐ Drizzle ☐ Rain ☐ Storm ☐ HazyTemperature: 25 °C Humidity: ☐ High ☒ Moderate ☐ LowWind: ☒ Calm ☐ Light ☐ Breeze ☐ Strong**New Observation****HKBRC**

- No major environmental deficiency was observed.

Baguio

- No major environmental deficiency was observed.

3R

- No major environmental deficiency was observed.

Other Areas

- No major environmental deficiency was observed.

Signatures:

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name: May Wu

Name:

Name: Kin LO

Date: 2019/11/19

Date: 19-12-19

Date:

Date: 2019/12/19

SITE INSPECTION CHECKLIST

Inspection Date: 2019/12/23

Time: 09:30 - 12:30

Inspected by: Cindy KWOK, Sam CHAN

Lot Number: n/a

Tenant: n/a

WeatherCondition: ☒ Sunny ☐ Fine ☐ Overcast ☐ Drizzle ☐ Rain ☐ Storm ☐ HazyTemperature: 20 °C Humidity: ☐ High ☒ Moderate ☐ LowWind: ☒ Calm ☐ Light ☐ Breeze ☐ Strong**New Observation****HKBRC**

- No major environmental deficiency was observed.

Baguio

- No major environmental deficiency was observed.

3R

- No major environmental deficiency was observed.

Other Areas

- No major environmental deficiency was observed.

Signatures:

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name: May Wu
31 DEC 2019

Name:

Name: Tiffany TAM

Date: 2019/12/23

Date:

Date:

Date: 2019/12/31