

Issue No.: Issue 1  
Issue Date: January 2021  
Project No.: 1616



## **EcoPark Operation**

# **Quarterly Environmental Monitoring & Audit Report (October - December 2020)**

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Gary C. W. TAM  
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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 I-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 30<sup>th</sup> 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-fifth (55<sup>th</sup>) quarterly EM&A report prepared for the operation phase of EcoPark and covers the quarter from October to December 2020. 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 seven active tenants were audited in the reporting quarter: Champway, HK Biomass, HP Telford, K. Wah, E. Tech, On Fat Lung, and Chung Yue. The lots possessed by HKBRC (i.e. Lots P9 & P10), South China (i.e. Lot P12), 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 20<sup>th</sup> October, 25<sup>th</sup> November, and 17<sup>th</sup> December 2020. IEC also carried out random site audits on 20<sup>th</sup> October and 17<sup>th</sup> December 2020. A quarterly joint site inspection was carried out by the Operator, the IEC and the ET on 25<sup>th</sup> November 2020.

### Throughput of Materials / Waste Generated

The throughputs of WEEE.PARK and the seven 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 <sup>(4)</sup> (tonne)	Waste Disposed <sup>(4)</sup> (tonne)
Waste Organic Food	2,234	986	592
Waste Ferrous Metals	20,430	21,740	148
Waste Wood	369	341	-
Waste Electronics	4,216	3,439	487
Waste Plastics	349	311	-
Construction Waste	2,193	14,499	8
Waste Glass	607		
Waste Rubber Tyres	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 at the time of report preparation.

### 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 25<sup>th</sup> November 2020 at five locations (three in Phase 1 and two in Phase 2). 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**

As per site inspection on 17<sup>th</sup> December 2020, all of the operation equipment, recycling materials, wastewater treatment tanks and other facilities of FWMG had been moved out from the Lot T7. It is anticipated that FWMG will be no longer active for recycling activities since December 2020. Lot T7, operating by Ming Hing, would be used for Christmas tree and festive plants recycling between 8<sup>th</sup> and 11<sup>th</sup> January 2021 and February 2021. Recycling activity in Lot T7 is anticipated to be resumed in the next inspection period.

# 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 30<sup>th</sup> 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:

- Alba Integrated Waste Solutions (Hong Kong) Ltd. (Alba IWS) for WEEE.PARK, Food Waste Management Group (FWMG) of EPD for Lot T7, and other seven active tenants (Champway, HK Biomass, HP Telford, Chung Yue, K.Wah, E. Tech, and On Fat Lung) who have carried out full recycling operations;
- One tenant (HKBRC) was without any site operation;
- One tenant (Baguio) is carrying out building works but without any site operation;
- One tenant (3R) is undergoing reinstatement work process; and

- Two tenants (Roscky and South China) are under termination.

### 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	Ms. Grace KWOK	gk@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

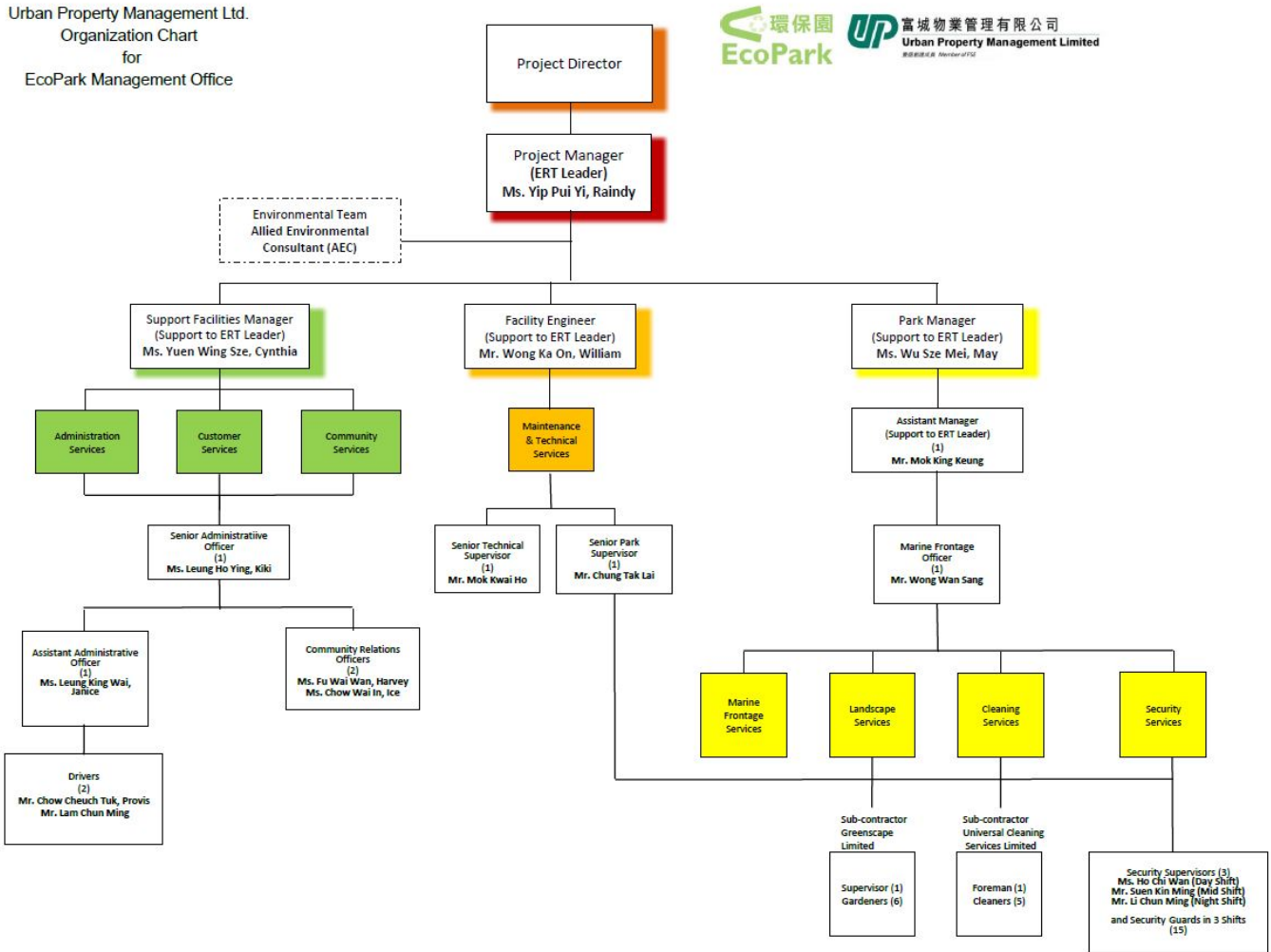
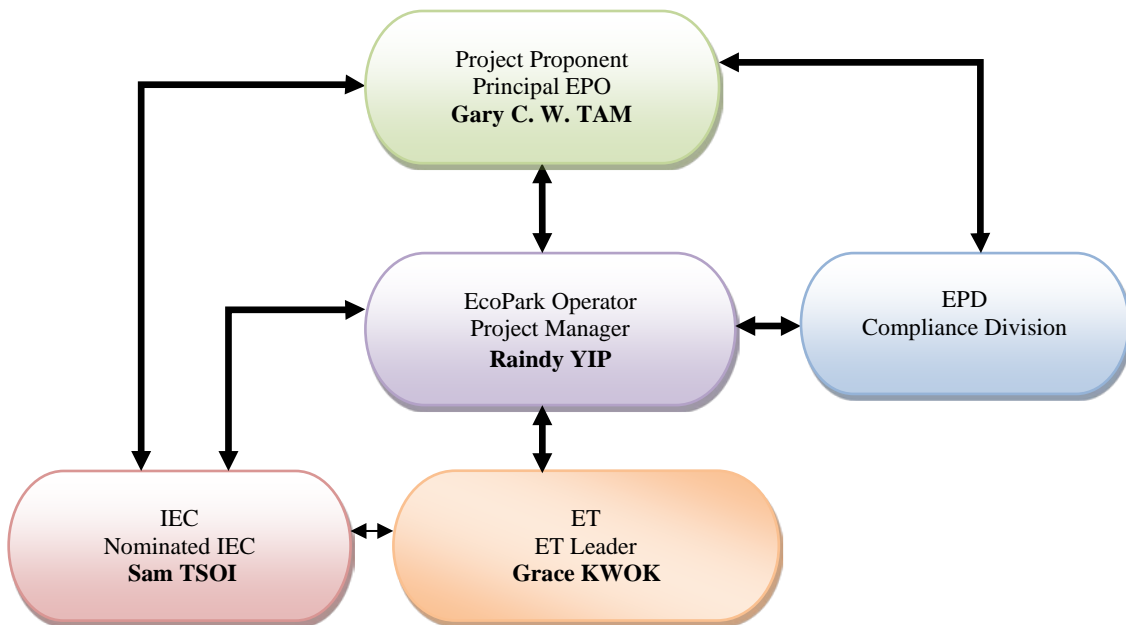


Figure 1-3 Organisation Chart of EM&A Works (Operation)



## 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 27<sup>th</sup> 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 <sub>2</sub> )	Action Level <19% O <sub>2</sub>	<ul style="list-style-type: none"> <li>Ventilate trench/void to restore O<sub>2</sub> to &gt;19%</li> </ul>
	Limit Level <18% O <sub>2</sub>	<ul style="list-style-type: none"> <li>Stop works</li> <li>Evacuate personnel/prohibit entry</li> <li>Increase ventilation to restore O<sub>2</sub> to &gt;19%</li> </ul>
Methane (CH <sub>4</sub> )	Action Level >10% LEL	<ul style="list-style-type: none"> <li>Post "No Smoking" signs</li> <li>Prohibit hot works</li> <li>Increase ventilation to restore CH<sub>4</sub> to &lt;10% LEL</li> </ul>
	Limit Level >20% LEL	<ul style="list-style-type: none"> <li>Stop works</li> <li>Evacuate personnel/prohibit entry</li> <li>Increase ventilation to restore CH<sub>4</sub> to &lt;10% LEL</li> </ul>
Carbon Dioxide (CO <sub>2</sub> )	Action Level >0.5% CO <sub>2</sub>	<ul style="list-style-type: none"> <li>Ventilate to restore CO<sub>2</sub> to &lt;0.5%</li> </ul>
	Limit Level >1.5% CO <sub>2</sub>	<ul style="list-style-type: none"> <li>Stop works</li> <li>Evacuate personnel/prohibit entry</li> <li>Increase ventilation to restore CO<sub>2</sub> to &lt;0.5%</li> </ul>

### 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

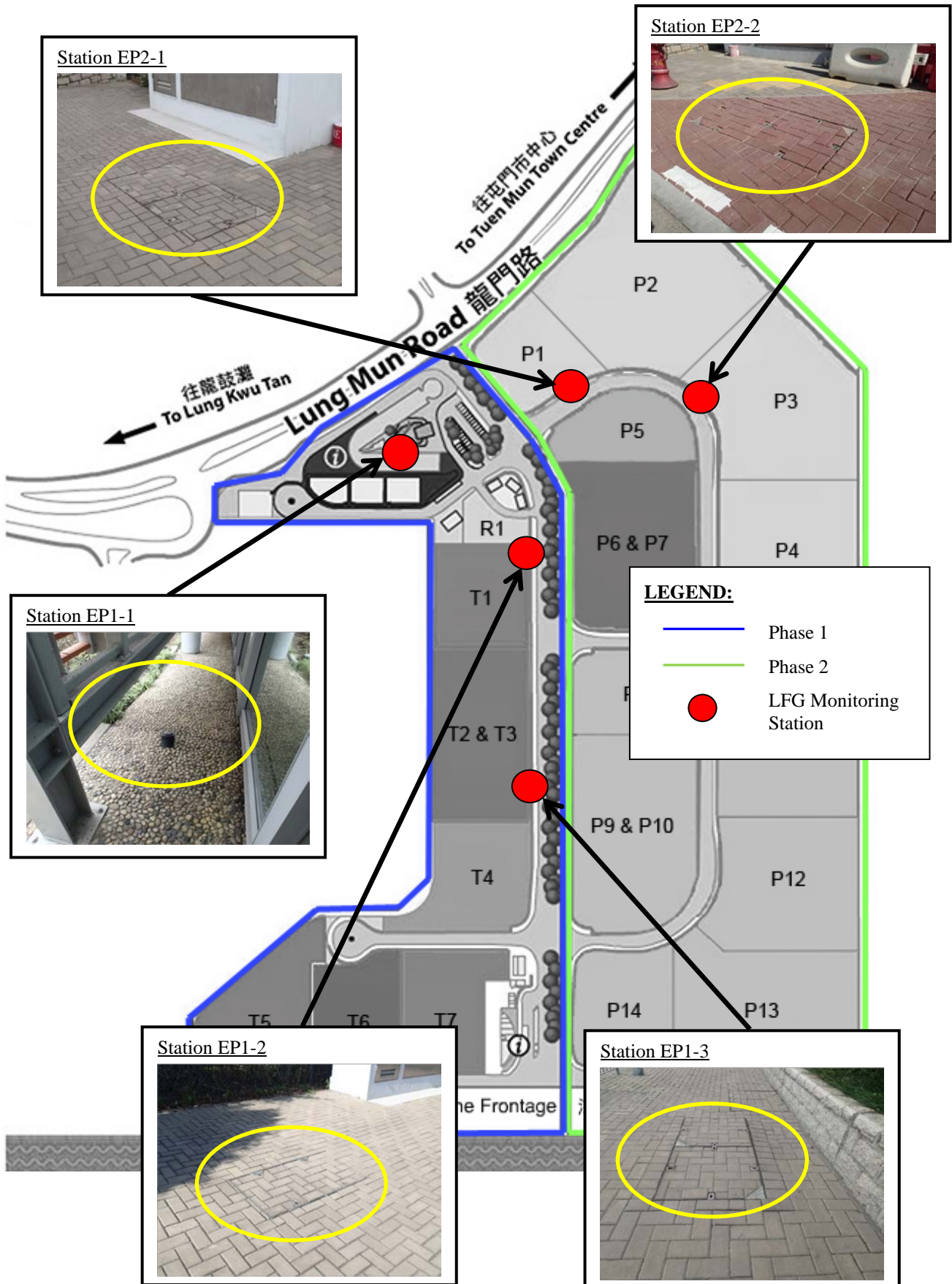
### 2.4 Environmental Mitigation Measures

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 building works;
- 3R was undergoing reinstatement work process; and
- Rocsky and South China were under termination.

#### 3.2 Champway Technology Limited

- **Lot No.:** T5 (Phase 1)
- **Lot Size:** Approx. 6,000m<sup>2</sup>
- **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. 5,000m<sup>2</sup>
- **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. 5,000m<sup>2</sup>
- **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. 10,000 m<sup>2</sup>
- **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 m<sup>2</sup>
- **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 WEEE.PARK

- **Lot No.:** P2, P3, P4 (Phase 2)
- **Lot Size:** Approx. 30,000 m<sup>2</sup>
- **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.

3.7.1 In this reporting quarter, WEEE was recycled.

### 3.8 On Fat Lung Innovative Resources Ltd.

- **Lot No.:** P8 (Phase 2)
- **Lot Size:** Approx. 4,400 m<sup>2</sup>
- **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.

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

### 3.9 Food Waste Management Group (FWMG) of EPD

- **Lot No.:** T7 (Phase 1)
- **Lot Size:** Approx. 4,000m<sup>2</sup>
- **Activity:** Temporary storage of wood chip and waste trees handling
- **Recycling Process:** Bulk reduction of waste tree by mechanical shearing and chipping.

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

### 3.10 E. Tech Management (HK) Limited

- **Lot No.:** P14 (Phase 2)
- **Lot Size:** Approx. 5,000m<sup>2</sup>
- **Activity:** Recycling of WEEE
- **Recycling Process:** CRT, computer/electronics, white goods and florescent lamps will be recycled. The recycling processes include testing and dismantling of components, repair of refurbished equipment, sorting for reusable components and shredding for scrap..

3.10.1 In this reporting quarter, WEEE was recycled.

### 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 <sup>(4)</sup> (tonne)	Waste Disposed <sup>(4)</sup> (tonne)
Waste Organic Food	2,234	986	592
Waste Ferrous Metals	20,430	21,740	148
Waste Wood	369	341	-
Waste Electronics	4,216	3,439	487
Waste Plastics	349	311	-
Construction Waste	2,193	14,499	8
Waste Glass	607		
Waste Rubber Tyres	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” a denotes unavailable information at the time of report preparation.

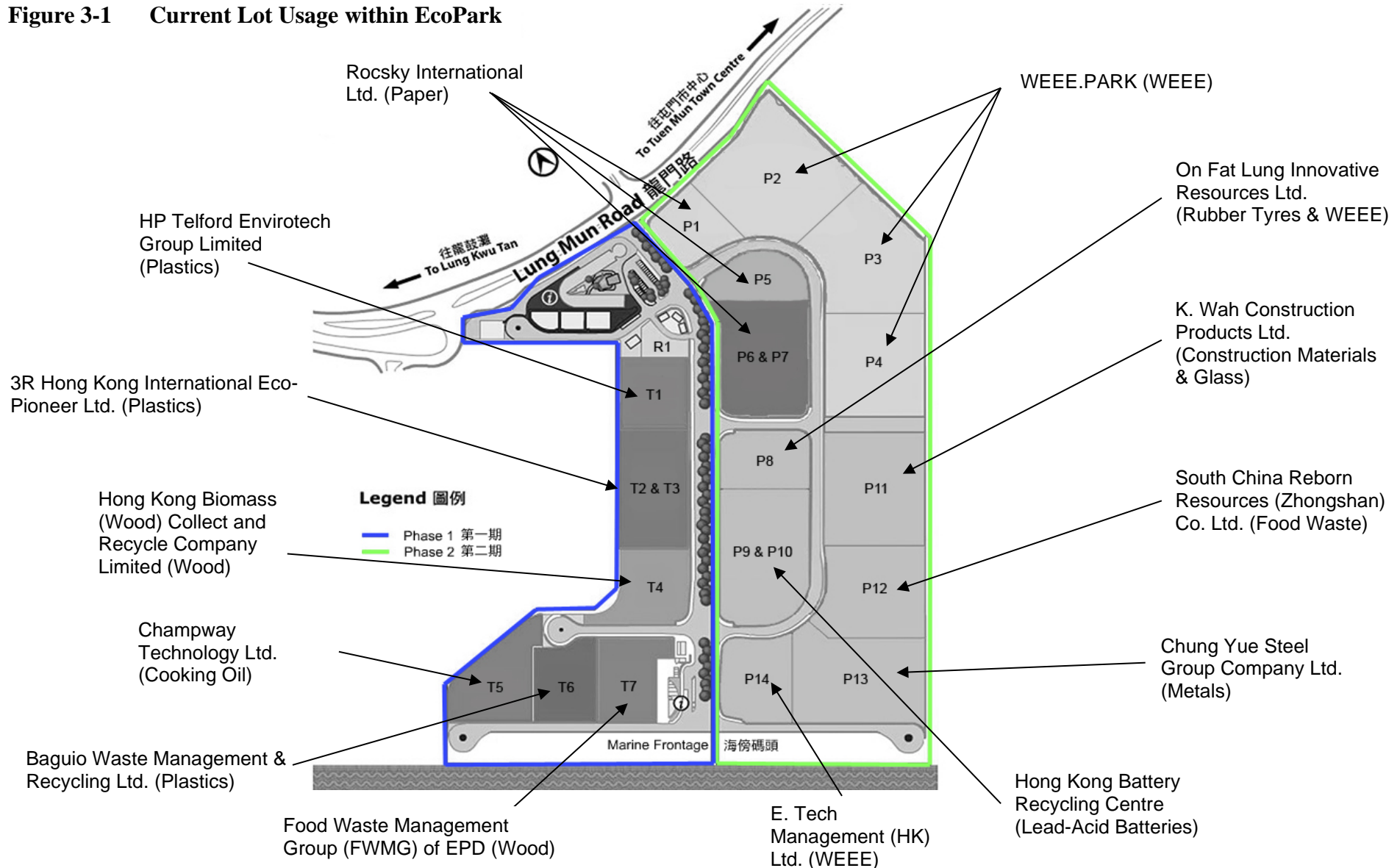
3.11.3 Detailed throughput figures of the reporting quarter are provided in **Appendix 3.1**. Updated throughput figures of the previous months based on the latest available data, and the updates to the throughput figures from the previous quarter are not significant. The throughput figures are provided in **Appendix 3.2**.

### 3.12 Process Review

3.12.1 Process Review, and possibly 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 2020. 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*. The implementation status of the environmental requirements for tenants are summarised in the site inspection checklist, in *Appendix 6*.
- 4.1.2 By December 2020, WEEE.PARK, Lot T7 (FWMG of EPD) and seven tenants (Champway, HK Biomass, HP Telford, K. Wah, E. Tech, Chung Yue 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 25<sup>th</sup> November 2020. 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	25 <sup>th</sup> November 2020	10:03 – 10:05	2 minutes	24°C	Sunny
EP1-2		10:16 – 10:18	2 minutes	24°C	Sunny
EP1-3		10:13 – 10:15	2 minutes	24°C	Sunny
EP2-1		10:08 – 10:10	2 minutes	24°C	Sunny
EP2-2		10:10 – 10:12	2 minutes	24°C	Sunny

### 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 <sub>4</sub> )	0 – 100% LEL & 0-100% v/v
Oxygen (O <sub>2</sub> )	0 – 25% v/v
Carbon Dioxide (CO <sub>2</sub> )	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. 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 RKI Instruments EAGLE 2 Gas Detector (serial number E2F694) was used for LFG measurements. The gas analyser is calibrated every year. *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	25 <sup>th</sup> November 2020	0.0	0.0	20.9	<0.1	1004
EP1-2		0.0	0.0	20.9	<0.1	1004
EP1-3		0.0	0.0	20.9	<0.1	1004
EP2-1		0.0	0.0	20.9	<0.1	1004
EP2-2		0.0	0.0	20.9	0.4	1004

5.3.3 No exceedance of Action and Limit Levels was recorded in the reporting quarter. The reading of Carbon Dioxide (% v/v) at EP2-2 was observed to be higher than the other monitoring stations, at 0.4% v/v. Although no exceedance of Action and Limit Levels were recorded, the status of EP2-2 will be reviewed in the next reporting period.



## 6 SUMMARY OF ENVIRONMENTAL AUDIT

### 6.1 General

6.1.1 In the reporting quarter, WEEE.PARK, Lot T7 (FWMG of EPD) and seven active tenants were under full operation.

6.1.2 Environmental audits based on the approved site inspection checklist were carried out by the Operator and the ET on 20<sup>th</sup> October, 25<sup>th</sup> November, 17<sup>th</sup> December 2020. IEC random site audits were also carried out on 20<sup>th</sup> October and 17<sup>th</sup> December 2020. A quarterly joint site inspection was carried out by the Operator, the IEC and the ET on 25<sup>th</sup> November 2020. 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>			
23 Sept 2020	Oil sheen is still observed on the perimeter drain at the oil storage tank area opposite the biodiesel processing plant.	The tenant was requested to clear up the oil spillage and prevent oil from entering the public stormwater drainage.	As observed on 20 October 2020, oil sheen on the perimeter drain at the oil storage tank area opposite the biodiesel processing plant was cleared up.
23 Sept 2020	A broken oil pipe was observed under the plant building near site office.	The tenant was requested to clear up the oil spillage and replace the broken oil pipe.	As observed on 20 October 2020, oil spillage under the plant building near site office was cleared up. The broken oil pipe under the plant building is no longer in use, and will be removed from underneath the plant building.
23 Sept 2020	Oil spillage was observed in the perimeter drainage next to the new filter press facility.	The tenant was requested to clear up the spillage and prevent oil from entering the public stormwater drainage.	As observed on 20 October 2020, oil spillage in the perimeter drainage next to the new filter press facility was cleared up.
23 Sept 2020	Oil spillage was observed in the stormwater manhole at the vehicular access.	The tenant was requested to clear up the spillage and prevent oil from entering the public stormwater drainage.	As observed on 20 October 2020, oil spillage in the stormwater manhole at the vehicular access was cleared up.

Date	Item	Comment	Status
23 Sept 2020	Oil spillage was observed at the stockpile area next to the processing plant.	The tenant was requested to clear up the spillage.	As observed on 20 October 2020, oil spillage at the stockpile area next to the processing plant was cleared up.
<i>Observations From This Reporting Quarter</i>			
20 Oct 2020	Oily layer on sewage water was observed in the sewerage outside the site entrance.	The tenant was requested to clear up the oil and prevent oil from entering the sewerage system.	As observed on 25 November 2020, oily layer on sewage water in the sewerage outside the site entrance was cleared.
25 Nov 2020	Oil stain was observed near the bins in the refuse area at the front of the processing plant.	The tenant was requested to clear up the oil.	As observed on 17 December 2020, oil stain was still observed near the bins in the refuse area at the front of the processing plant. This item will be reviewed in the next inspection in January 2021.
25 Nov 2020	Oil stain was observed near the tanks in the stockpile area near the site office.	The tenant was requested to clear up the oil.	As observed on 17 December 2020, oil stain was still observed near the tanks in the stockpile area near the site office. This item will be reviewed in the next inspection in January 2021.
25 Nov 2020	The perimeter drainage was observed to have been blocked.	The tenant was requested to clear up the blockage and oil to avoid overflow and pollution.	As observed on 17 December 2020, the perimeter drainage was still observed to have been blocked. In addition, oil and oil sludge were also observed in the drainage. This item will be reviewed in the next inspection in January 2021.
17 Dec 2020	Activated carbon was observed to have been spilled all over the floor.	The tenant was requested to better monitor the condition of material storage.	This item will be reviewed in the next inspection in January 2021.

### 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			

Date	Item	Comment	Status
<i>Observations From This Reporting Quarter</i>			
20 Oct 2020	No new critical issue was identified.		
25 Nov 2020	No new critical issue was identified.		
17 Dec 2020	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>			
20 Oct 2020	No new critical issue was identified.		
25 Nov 2020	No new critical issue was identified.		
17 Dec 2020	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>			
23 Sept 2020	Loads levels of trucks were observed to exceed the levels of the sides and the tailboard during the inspection.	The tenant was requested to reduce the load levels of trucks.	As observed on 20 October 2020, loads levels of trucks were reduced.
<i>Observations From This Reporting Quarter</i>			
20 Oct 2020	No new critical issue was identified.		
25 Nov 2020	No new critical issue was identified.		
17 Dec 2020	Loads levels of trucks were observed to	The tenant was requested to reduce the load levels of trucks.	This item will be reviewed in the next

Date	Item	Comment	Status
	exceed the levels of the sides and the tailboard during the inspection.		inspection in January 2021.

## 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>			
None			
<i>Observations From This Reporting Quarter</i>			
20 Oct 2020	C&D materials were observed in the surface channel near the stockpile area.	The tenant was requested to clear up the C&D materials, and further reminded to implement sufficient mitigation measures to prevent materials from entering into drains.	As observed on 17 December 2020, C&D materials in the surface channel near the stockpile area were cleared. The tenant was reminded to cover the C&D materials to avoid future blockage.
25 Nov 2020	No new critical issue was identified.		
17 Dec 2020	C&D materials were observed to have blocked the perimeter drain.	The tenant was requested to clear up the C&D materials to avoid overflow by covering them with tarpaulin.	This item will be reviewed in the next inspection in January 2021.

## 6.7 E. Tech Management (HK) 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 E. Tech are given in **Appendix 6.6**.

**Table 6.6 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>			
20 Oct 2020	No new critical issue was identified.		
25 Nov 2020	No new critical issue was identified.		

Date	Item	Comment	Status
17 Dec 2020	No new critical issue was identified.		

## 6.8 WEEE.PARK

6.8.1 Audit observations from this reporting quarter are summarised in *Table 6.7* below. The completed checklists for WEEE.PARK are given in *Appendix 6.7*.

**Table 6.7 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>			
20 Oct 2020	The sieve on the stormwater manhole opposite the chemical waste stores was found to be filled by plastics debris.	The tenant was requested to clear up the debris, and further reminded to better maintain drains to prevent any blockage.	As observed on 17 December 2020, the plastic waste in the sieve on the stormwater manhole opposite the chemical waste stores was cleared up. The tenant was reminded to take extra care to avoid future blockage.
25 Nov 2020	No new critical issue was identified.		
17 Dec 2020	No new critical issue was identified.		

## 6.9 On Fat Lung Innovative Resources Limited

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

**Table 6.8 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>			
20 Oct 2020	No new critical issue was identified.		
25 Nov 2020	No new critical issue was identified.		
17 Dec 2020	No new critical issue was identified.		

## 6.10 Lot T7 (FWMG of EPD)

- 6.10.1 Audit observations from previous reporting quarters and this reporting quarter are summarised in **Table 6.9** below. The completed checklists of general site inspection for EcoPark are given in **Appendix 6.9**.

**Table 6.9 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>			
20 Oct 2020	No new critical issue was identified.		
25 Nov 2020	No new critical issue was identified.		
17 Dec 2020	No new critical issue was identified.		

## 6.11 General Condition of EcoPark

- 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 General EcoPark Audit Findings**

Date	Item	Comment	Status
<i>Observations From Previous Reporting Quarters</i>			
23 Sept 2020	<u>Baguio</u> Mud debris was observed to have been flushed into the stormwater gully on the road outside the site entrance.	The tenant was immediately requested to avoid discharging untreated surface runoff into the public stormwater system and remove the mud debris from the gully. The tenant should implement sufficient measures on site to collect, treat and reuse wastewater generated from construction activity (such as wheel-washing activity) for better wastewater control. The tenant was requested to clean the mud debris before operation of the sit's drainage network to prevent runoff into the public drainage system.	As observed on 25 November 2020, the surface of Baguio's lot had been paved with concrete during the site inspection. It is noted the existing surface channel was temporarily blocked off from the public drainage network to facilitate the drainage work of the site. As observed on 17 December 2020, mud debris was still observed in the surface channel. This item will be reviewed in the next

Date	Item	Comment	Status
			inspection in January 2021.
23 Sept 2020	<u>Baguio</u> Stockpile was observed to not be covered or watered.	The tenant was requested to cover the stockpiles with tarpaulin for dust suppression.	As observed on 17 December 2020, the temporary stockpile of C&D materials was still observed to not be covered or watered. This item will be reviewed in the next inspection in January 2021.
<i>Observations From This Reporting Quarter</i>			
20 Oct 2020	No new critical issue was identified.		
25 Nov 2020	No new critical issue was identified.		
17 Dec 2020	No new critical issue was identified.		

**7 ENVIRONMENTAL COMPLAINTS, NOTIFICATION OF SUMMONS AND SUCCESSFUL PROSECUTION**

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

7.1.1 By the end of December 2020, 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-fifth (55<sup>th</sup>) quarterly EM&A report prepared for the operation phase of EcoPark and covers the reporting quarter from October to December 2020. The recycling activities are audited on a monthly basis and the results are summarised in this report. In the reporting quarter, there were twelve 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 seven 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 <sup>(4)</sup> (tonne)	Waste Disposed <sup>(4)</sup> (tonne)
Waste Organic Food	2,234	986	592
Waste Ferrous Metals	20,430	21,740	148
Waste Wood	369	341	-
Waste Electronics	4,216	3,439	487
Waste Plastics	349	311	-
Construction Waste	2,193	14,499	8
Waste Glass	607		
Waste Rubber Tyres	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 at the time of report preparation.
- 8.1.4 LFG monitoring during the reporting quarter was undertaken on 25<sup>th</sup> November 2020 at five locations (three in Phase 1 and two in Phase 2). 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

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### 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	Implementation Status (✓ - Implemented; X - Not Implemented; / - To Be Implemented)
<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>						

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	Implementation Status (✓ - Implemented; X - Not Implemented; / - To Be Implemented)
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	/
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		✓

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	Implementation Status (✓ - Implemented; X - Not Implemented; / - To Be Implemented)
	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		✓
<i>Waste Management</i>						
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 operation of the WTF.	Within EcoPark throughout the life of the facility.	Operator		✓
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	Within EcoPark throughout the life of the facility.	Operator	Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes	✓

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	Implementation Status (✓ - Implemented; X - Not Implemented; / - To Be Implemented)
		mitigate possible leakage.				
	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		✓

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	Implementation Status (✓ - Implemented; X - Not Implemented; / - To Be Implemented)
7.3.5	5.3.2	<p>During operation, the greatest risk of land contamination will come from storage of chemical wastes, therefore the measures should be followed :</p> <ul style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>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.</li> </ul>	Within EcoPark throughout the life of the facility.	Operator		<p>✓</p> <p>✓</p> <p>✓</p>
<i>Landfill Gas</i>						



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	Implementation Status (✓ - Implemented; X - Not Implemented; / - To Be Implemented)
8.7.10 & 8.7.11	6.1.2	<ul style="list-style-type: none"> <li>Alert workers and visitors of possible LFG hazards</li> <li>Prohibit smoking and open fires on site</li> <li>Conduct regular (quarterly) LFG monitoring at mobile offices, equipment stores, etc.</li> </ul>	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**

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### **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**

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### **Material and Waste Throughputs**

## **Appendix 3.1**

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### **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 2020	2,234 <sup>[5]</sup>	986 <sup>[5]</sup>	592 <sup>[5]</sup>
November 2020	n/a	n/a	n/a
December 2020	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 2020	9,628	7,235	72
November 2020	10,802	14,505	76
December 2020	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 2020	182	182	-
November 2020	187	159	-
December 2020	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 2020	2,200	1,780	249
November 2020	2,016 <sup>[5]</sup>	1,659 <sup>[5]</sup>	238 <sup>[5]</sup>
December 2020	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 2020	156	107	-
November 2020	193	204	-
December 2020	n/a	n/a	n/a

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

Date	Waste Input (tonne)		Product Output <sup>(4)</sup> (tonne)	Waste Disposal <sup>(4)</sup> (tonne)
	Construction Waste	Glass		
October 2020	710	392	7,323	3
November 2020	1,483	215	7,176	5
December 2020	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 2020	n/a	n/a	-
November 2020	n/a	n/a	-
December 2020	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 at the time of report preparation.

## **Appendix 3.2**

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### **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 2020	1,047 <sup>[5]</sup>	640 <sup>[5]</sup>	249 <sup>[5]</sup>
September 2020	1,558 <sup>[5]</sup>	640 <sup>[5]</sup>	395 <sup>[5]</sup>

**Table A3.2-2 Recycling of Waste Ferrous Metals**

Date	Waste Input (tonne)	Product Output (tonne)	Waste Disposal (tonne)
September 2020	12,028	10,185	75

**Table A3.2-3 Recycling of Waste Wood**

Date	Waste Input (tonne)	Product Output (tonne)	Waste Disposal (tonne)
September 2020	163	137	-

**Table A3.2-4 Recycling of Waste Electronics**

Date	Waste Input (tonne)	Product Output (tonne)	Waste Disposal (tonne)
August 2020	2,096*	1,960*	262*
September 2020	2,237	1,982	263

**Table A3.2-5 Recycling of Waste Plastics**

Date	Waste Input (tonne)	Product Output (tonne)	Waste Disposal (tonne)
September 2020	164	106	-

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

Date	Waste Input (tonne)		Product Output <sup>(4)</sup> (tonne)	Waste Disposal <sup>(4)</sup> (tonne)
	Construction Waste	Glass		
September 2020	2,263	569	8,474	11

**Table A3.2-7 Recycling of Waste Rubber Tyres**

Date	Waste Input (tonne)	Product Output (tonne)	Waste Disposal (tonne)
July 2020	149	60	-
August 2020	211	70	-
September 2020	204	120	-

***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 at the time of report preparation.
- 6) The throughput data marked with “\*” have been revised with updated data since submission of previous quarterly EM&A report (Apr-Jun 2020).

**Appendix 4**

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**Calibration Certificate of Infrared Gas Analyser**





## Calibration Certificate

### Information Provided by Customer

Customer : ETS – TESTCONSULT LIMITED  
Address : 8/F, Block B, Veristrong Industrial Centre, 34-36 Au Pui Wan Street, Fo Tan, Hong Kong

### Information of Unit-under test (UUT)

Description : Gas Detector Equipment I.D. No : ET/EA/005/01  
Manufacturer : RKI Instruments EAGLE 2 Serial No. : E2F694  
Type of gas : CO<sub>2</sub>, O<sub>2</sub>, CH<sub>4</sub>

### Laboratory Information

Procedure : In-house method Data of Receipt : 11-Jun-2020  
Data of Calibration : 18-Jun-2020 Calibration Location : Environmental Laboratory  
Data of issue : 19-Jun-2020

### Calibration Condition

Ambient Temperature : (20 ± 3) °C Relative Humidity : (50 ± 20)%  
Stabilizing Time : 30 minutes Warm-up Time : 30 minutes

### Reference Equipment

- Reference Gas Detector, ET/EA/005/02

### Calibration Specification

- To perform the calibration of gas below:
- CO<sub>2</sub> at 0, 3000 and 5000ppm
- O<sub>2</sub> at 10, 20 & 30vol%
- CH<sub>4</sub> at 0, 5 & 10%LEL

### Calibration Result (CO<sub>2</sub>)

Calibration Range (ppm)	Reference Equipment Reading (ppm)	*Corrected Value (ppm)	UUT Reading (ppm)	Deviation (ppm)
0	0.0	0.0	0.0	0.0
3000	3134.3	3071.6	3089.0	17.4
5000	5289.4	5183.6	5184.1	0.5

Remark 1. 2% indicator error of reference equipment is applied.

### Measurement Result (CO<sub>2</sub>)

Items	Results
Indication Error (%)	0
Repeatability (%)	0.8



**Calibration Result (O<sub>2</sub>)**

Calibration Range (%vol)	Reference Equipment Reading (%vol)	*Corrected Value (%vol)	UUT Reading (%vol)	Deviation (%vol)
10	10.8	10.7	10.8	0.1
20	20.8	20.6	20.8	0.2
30	31.4	31.0	31.2	0.2

Remark 1. 1.0% indicator error of reference equipment is applied.

**Measurement Result (O<sub>2</sub>)**

Items	Results
Indication Error (%)	1
Repeatability (%)	0.5

**Calibration Result (CH<sub>4</sub>)**

Calibration Range (%LEL)	Reference Equipment Reading (%LEL)	*Corrected Value (%LEL)	UUT Reading (%LEL)	Deviation (%LEL)
0	0	0.0	0	0.0
5	5	5.1	5	0.1
10	10	10.2	10	0.2

Remark 1. -2% indicator error of reference equipment is applied.

**Measurement Result (CH<sub>4</sub>)**

Items	Results
Indication Error (%)	-1
Repeatability (%)	2.5

Note: (\*) Corrected Value = Reference Equipment Reading x Indicator Error of Reference Equipment

**Remarks:**

- The calibration results apply to the particular unit-under-test only.

Calibrated By: Ma  
(Technician)

Approved Signatory: Gung

## **Appendix 5**

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### **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	25 Nov 2020	Sunny	24	10:03	10:05	0.0	0	20.9	< 0.1	1004	> 10	< 19	> 0.5	> 20	< 18	> 1.5	Nil
EP1-2	PCCW below-ground chamber outside Lot T1	25 Nov 2020	Sunny	24	10:16	10:18	0.0	0	20.9	< 0.1	1004							Nil
EP1-3	HGC Broadband below-ground chamber outside Lot T3	25 Nov 2020	Sunny	24	10:13	10:15	0.0	0	20.9	< 0.1	1004							Nil
EP2-1	HGC Broadband below-ground chamber outside Lot P1	25 Nov 2020	Sunny	24	10:08	10:10	0.0	0	20.9	< 0.1	1004							Nil
EP2-2	HGC Broadband below-ground chamber outside Lot P3	25 Nov 2020	Sunny	24	10:10	10:12	0.0	0	20.9	0.4	1004							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 2020	4	10	20	20.7	19	18	< 0.1	0.5	1.5	1018
26 Jun 2020	0	10	20	20.3	19	18	< 0.1	0.5	1.5	1010
25 Aug 2020	0	10	20	20.9	19	18	< 0.1	0.5	1.5	1004
25 Nov 2020	0	10	20	20.9	19	18	< 0.1	0.5	1.5	1004

**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 2020	4	10	20	20.7	19	18	< 0.1	0.5	1.5	1018
26 Jun 2020	0	10	20	19.7	19	18	0.1	0.5	1.5	1010
25 Aug 2020	0	10	20	20.9	19	18	< 0.1	0.5	1.5	1004
25 Nov 2020	0	10	20	20.9	19	18	< 0.1	0.5	1.5	1004

**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 2020	4	10	20	20.7	19	18	< 0.1	0.5	1.5	1018
26 Jun 2020	0	10	20	19.9	19	18	< 0.1	0.5	1.5	1010
25 Aug 2020	0	10	20	20.9	19	18	< 0.1	0.5	1.5	1004
25 Nov 2020	0	10	20	20.9	19	18	< 0.1	0.5	1.5	1004

**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 2020	4	10	20	20.7	19	18	< 0.1	0.5	1.5	1018
26 Jun 2020	0	10	20	20.1	19	18	< 0.1	0.5	1.5	1010
25 Aug 2020	0	10	20	20.9	19	18	< 0.1	0.5	1.5	1004
25 Nov 2020	0	10	20	20.9	19	18	< 0.1	0.5	1.5	1004

**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 2020	4	10	20	20.7	19	18	< 0.1	0.5	1.5	1018
26 Jun 2020	0	10	20	20.0	19	18	< 0.1	0.5	1.5	1010
25 Aug 2020	0	10	20	20.9	19	18	< 0.1	0.5	1.5	1004
25 Nov 2020	0	10	20	20.9	19	18	0.4	0.5	1.5	1004



**TEST REPORT**

**Test Report of Landfill Gas Monitoring**

Report No. : ENA08208  
Date of Issue : 13 December 2020  
Page No. : 1 of 1

**Information Provided by Customer**

Customer Name : Allied Environmental Consultants Ltd.  
Customer Address : 27/F, Overseas Trust Bank Building, 160 Gloucester Road, Wan Chai, Hong Kong  
Sample Source : Landfill Gas Monitoring at Eco Park, Tuen Mun  
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  
Date of Test : 25 November 2020  
Method : To carry out landfill gas monitoring by gas detector


**Equipment**

Reference Number : ET/EA/005/01  
Manufacturer : RKI Instruments EAGLE 2  
Serial Number : E2F694

**Result**

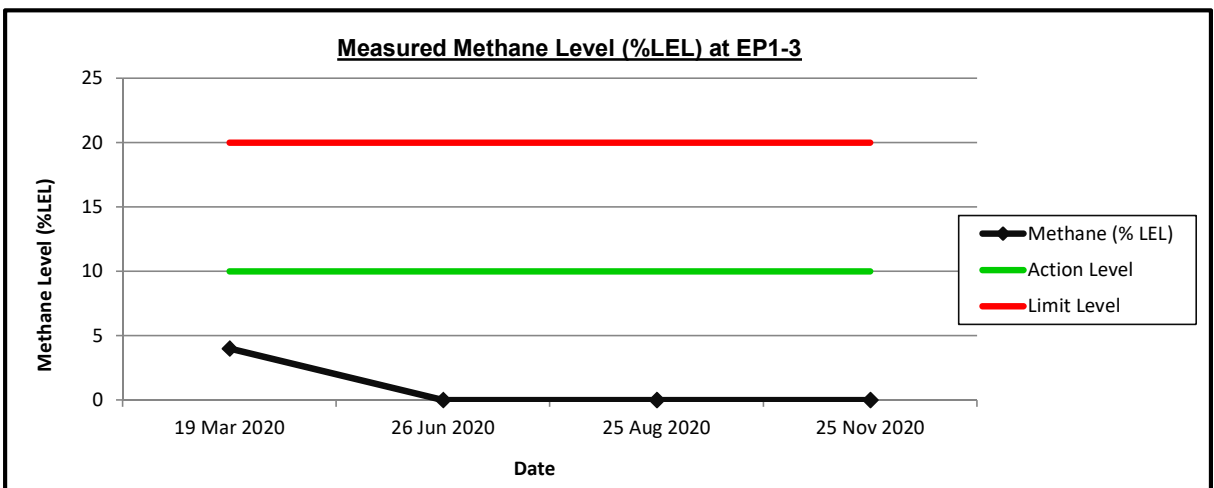
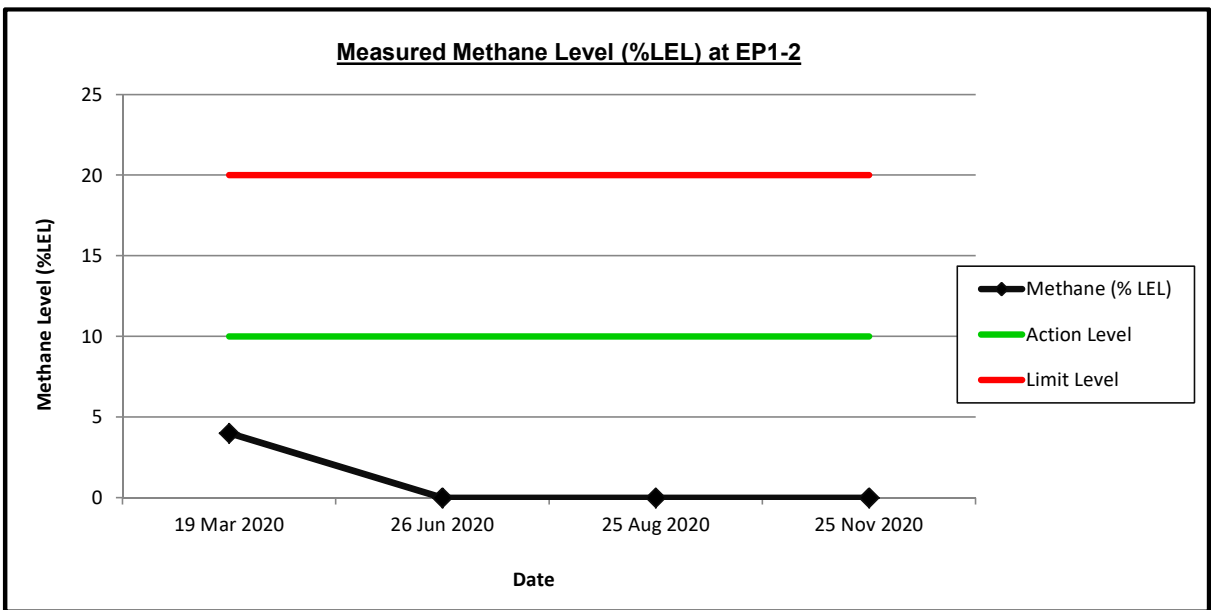
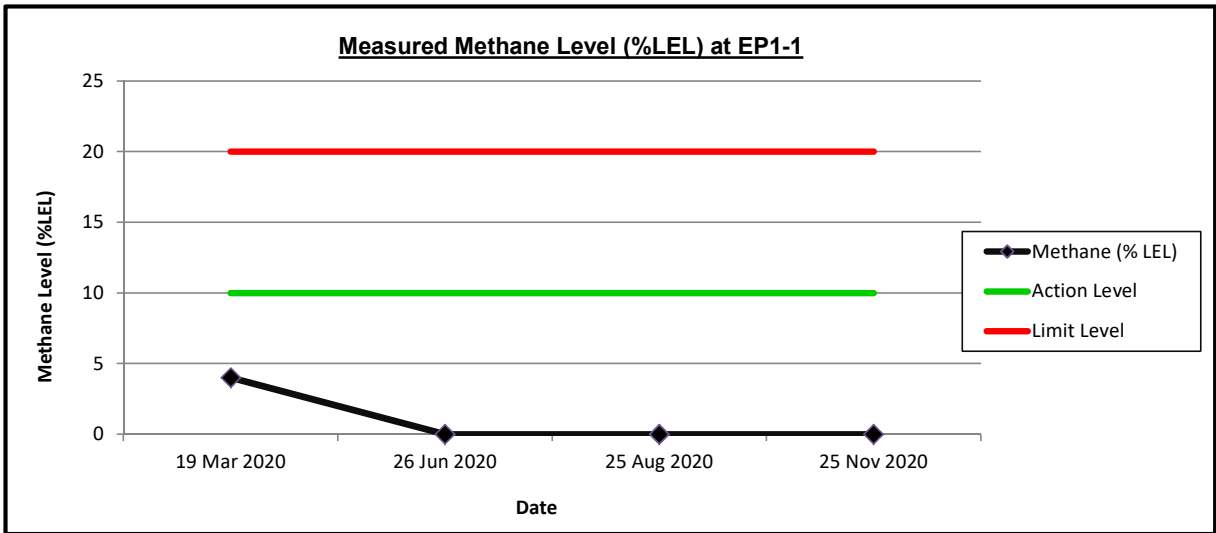
Sampling Location	Sampling Time	Barometric Pressure, mBar	Methane		Carbon Dioxide, %v/v	Oxygen, %v/v
			%v/v	%LEL		
EP1-1	10:03	1004	0	0	<0.1	20.9
EP1-2	10:16	1004	0	0	<0.1	20.9
EP1-3	10:13	1004	0	0	<0.1	20.9
EP2-1	10:08	1004	0	0	<0.1	20.9
EP2-2	10:10	1004	0	0	0.35	20.9

Approved Signatory :

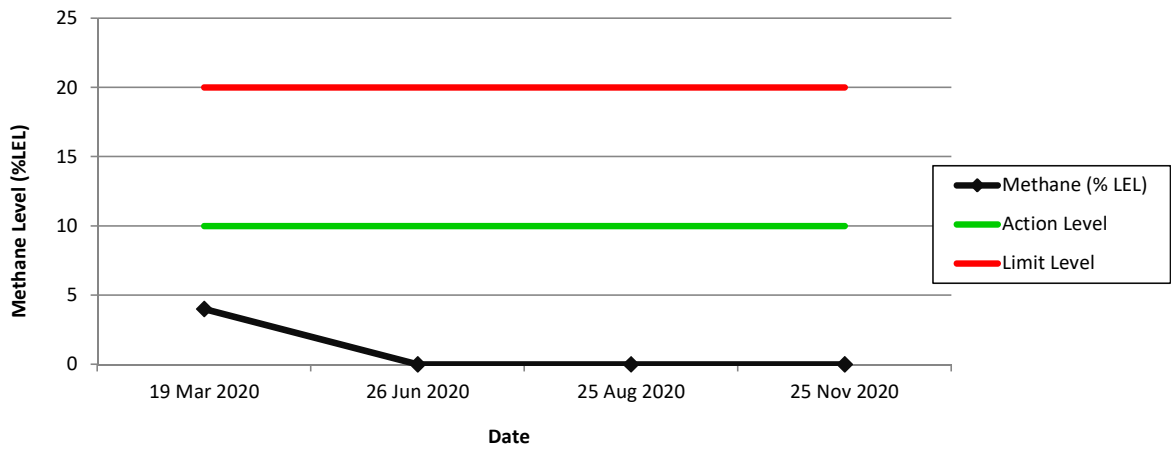
  
LAU, Chi Leung

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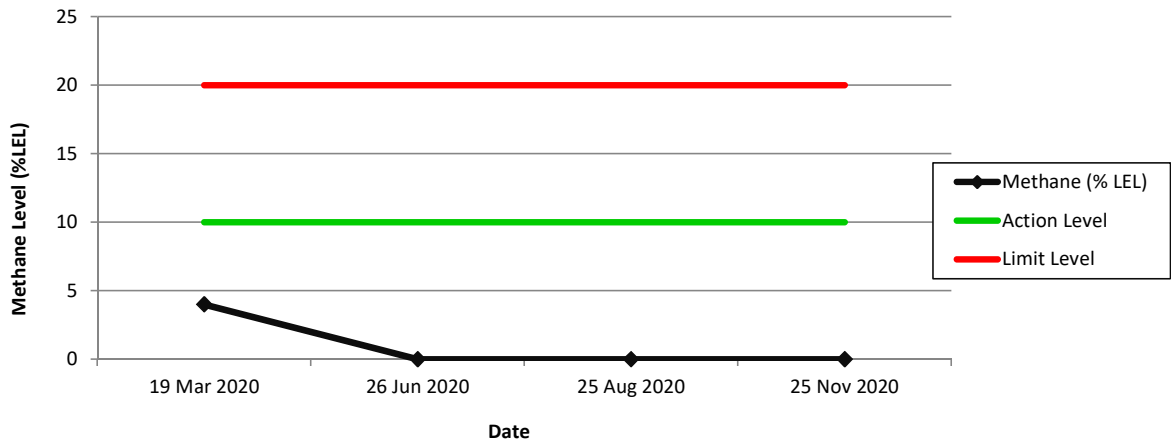
- END OF REPORT -



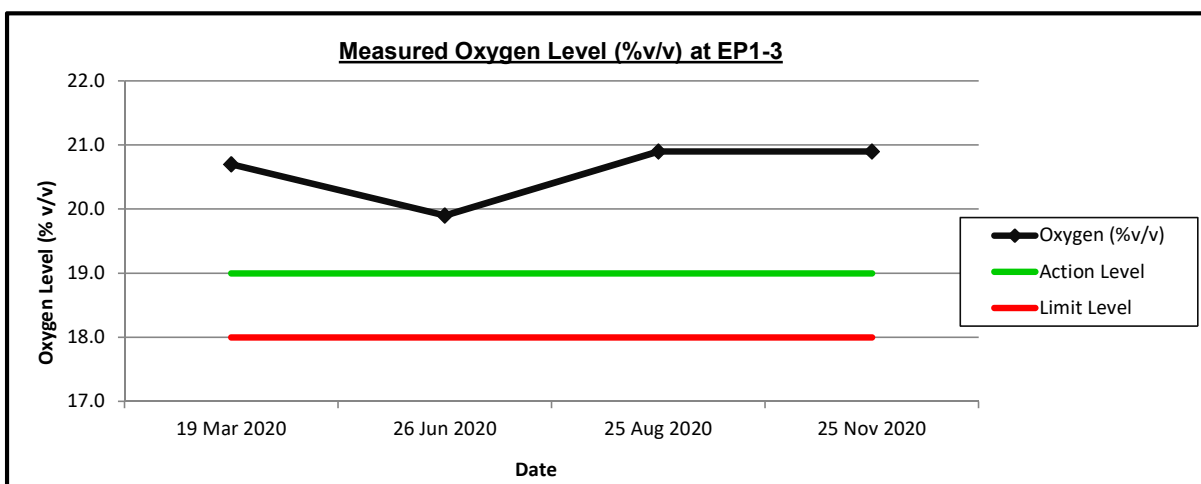
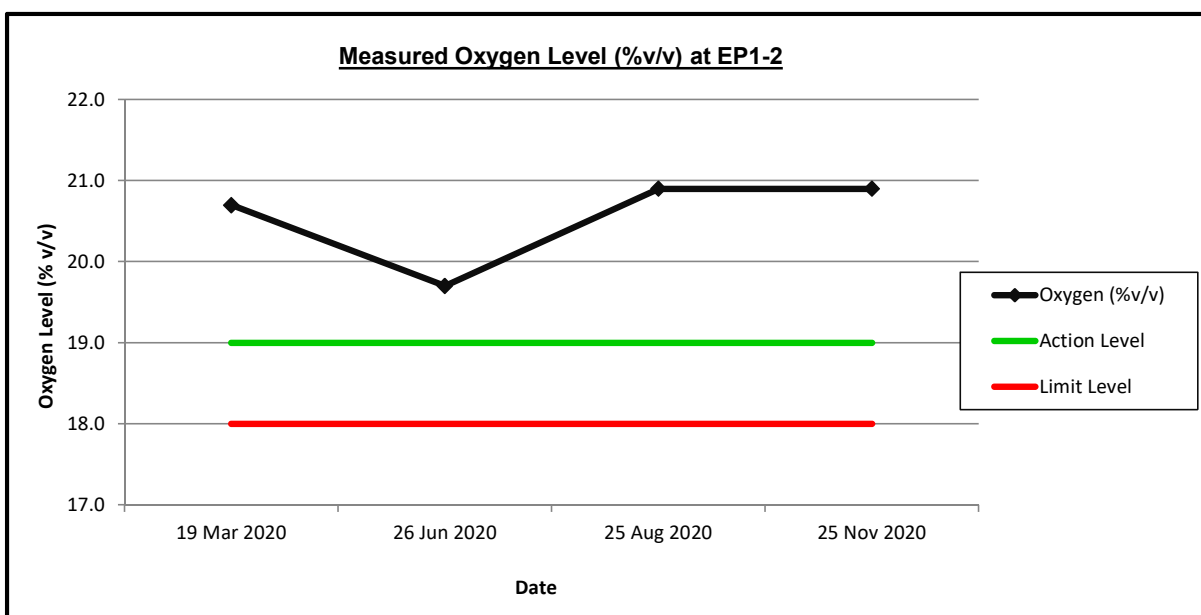
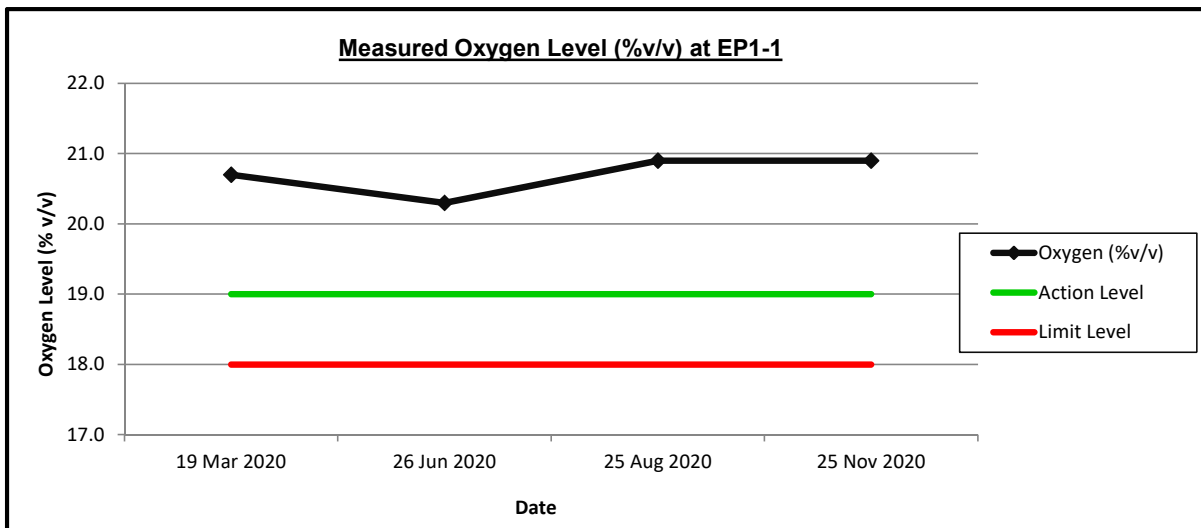
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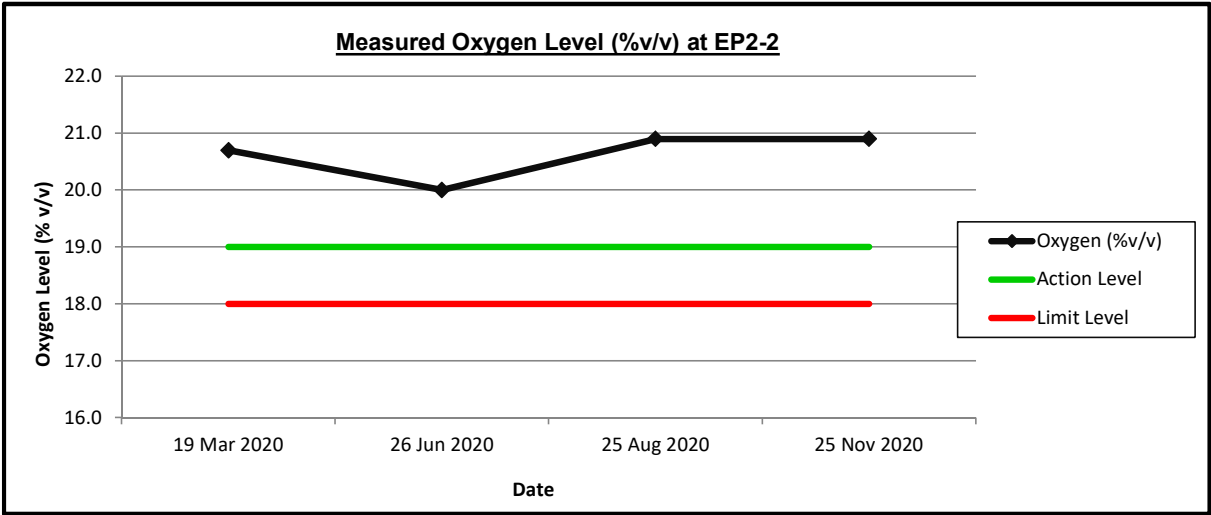
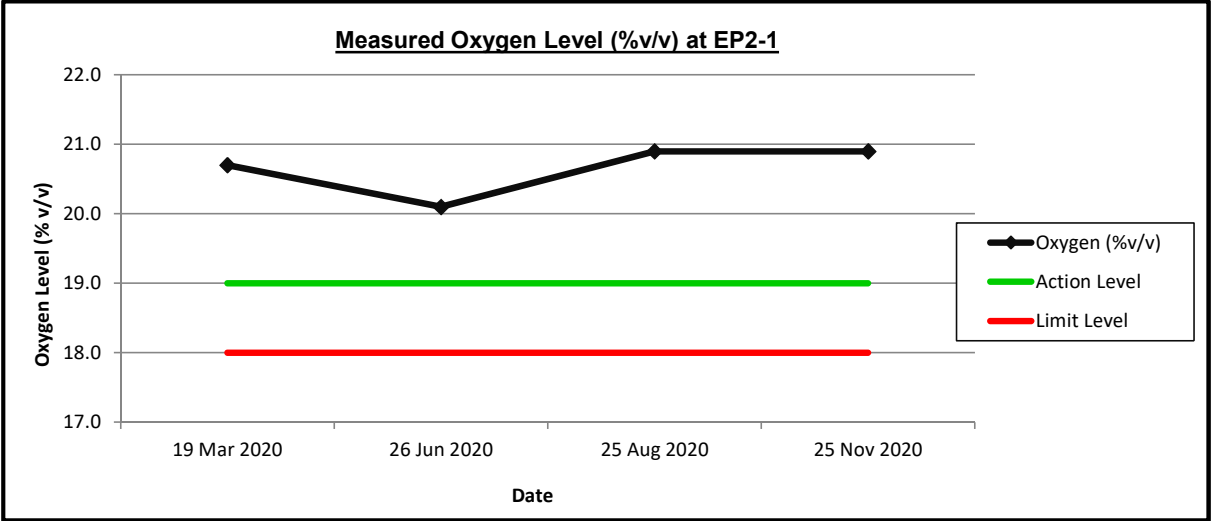


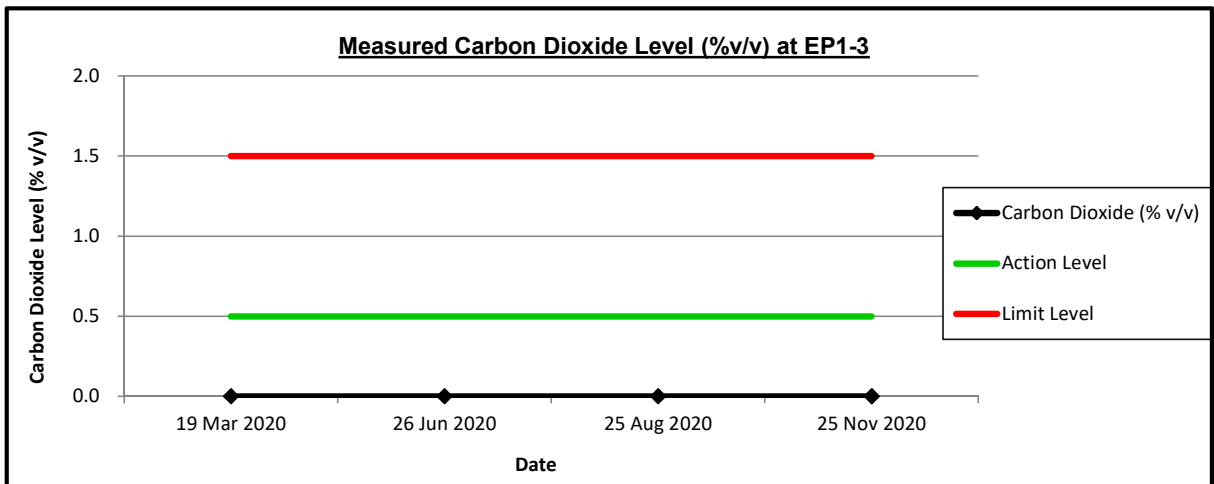
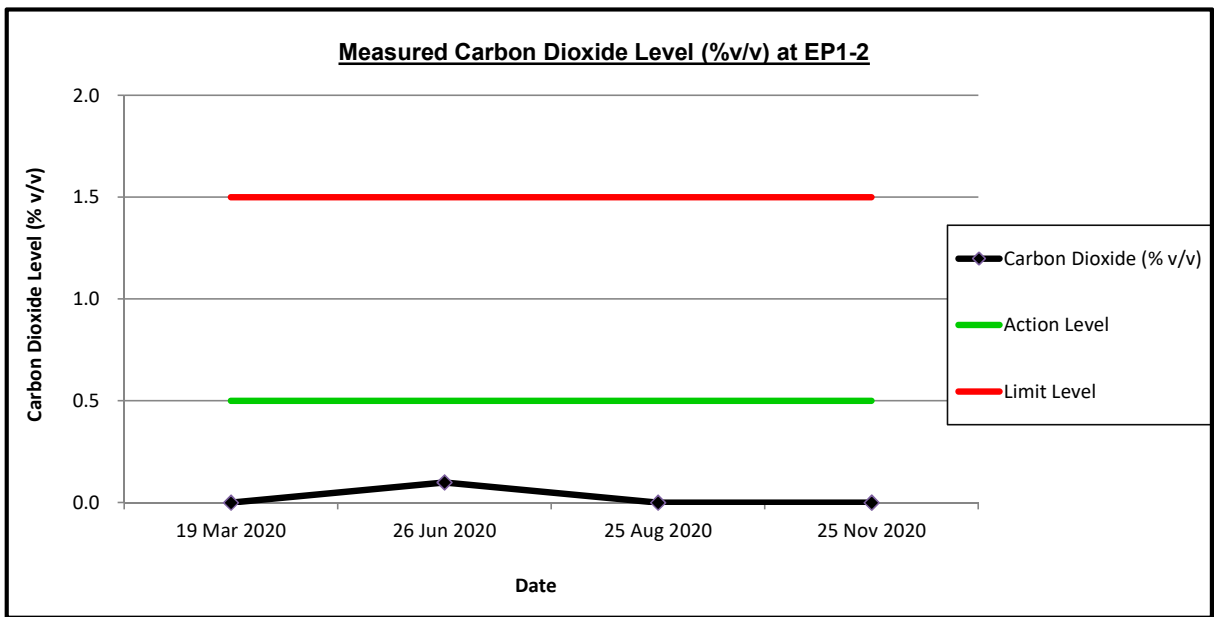
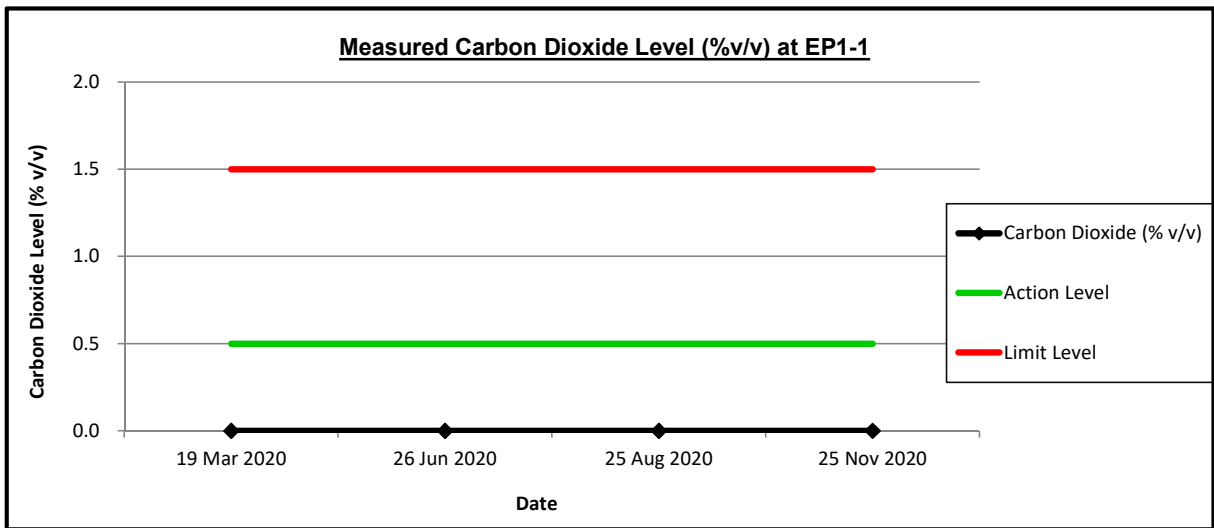
**Measured Methane Level (%LEL) at EP2-2**

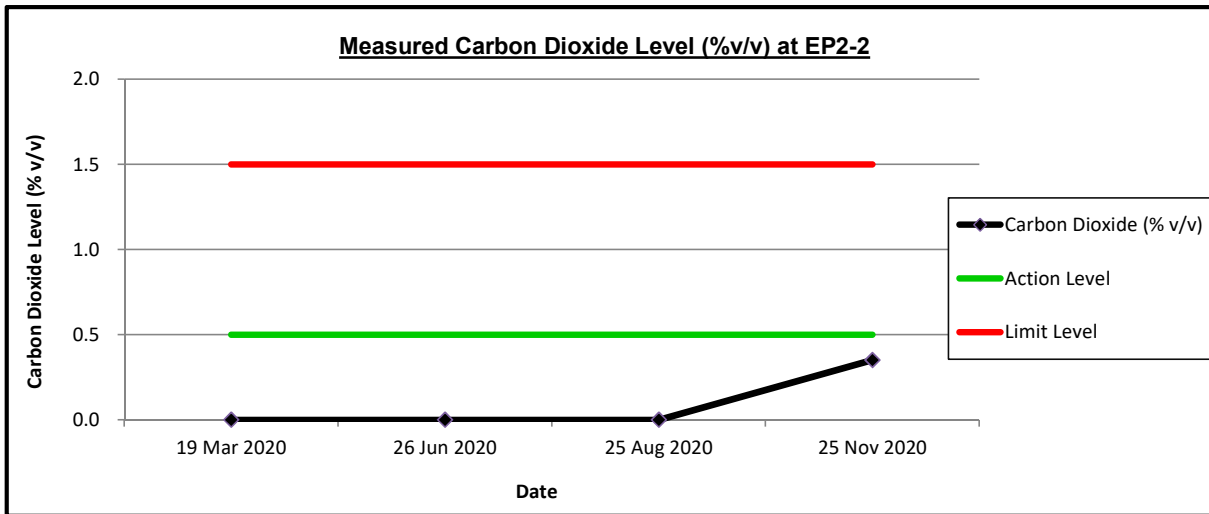
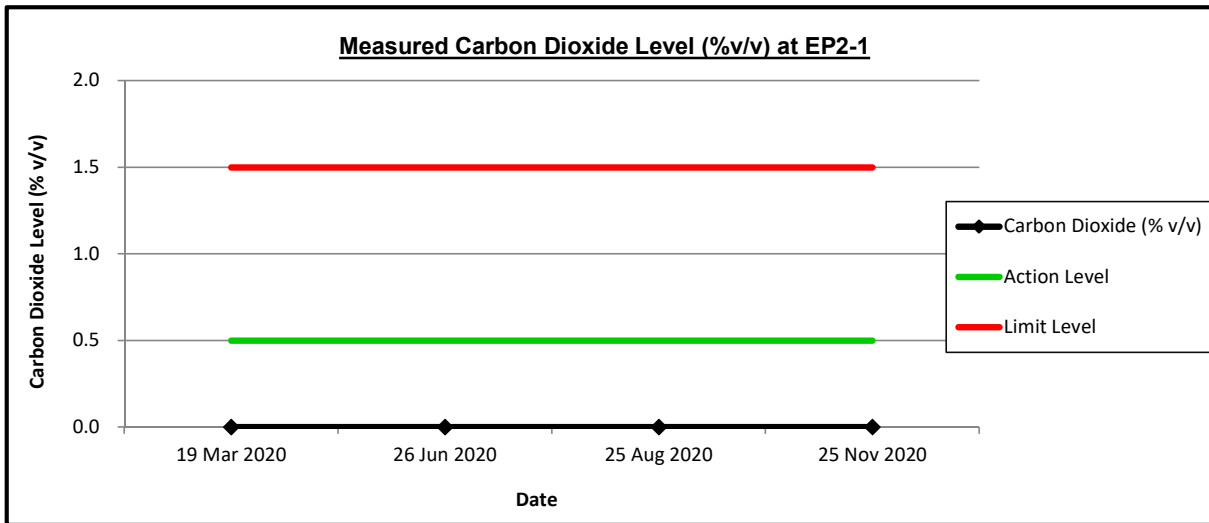




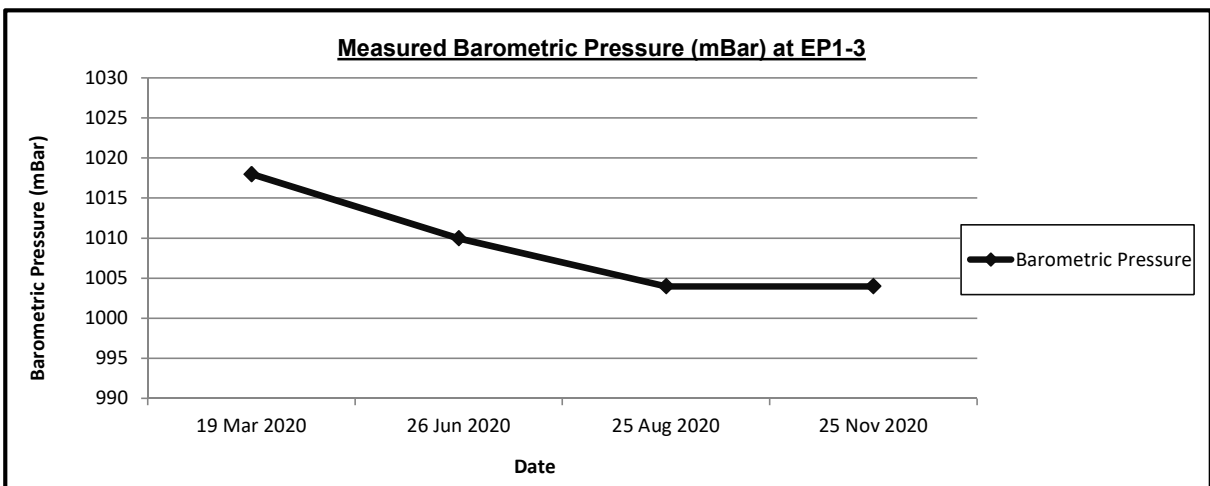
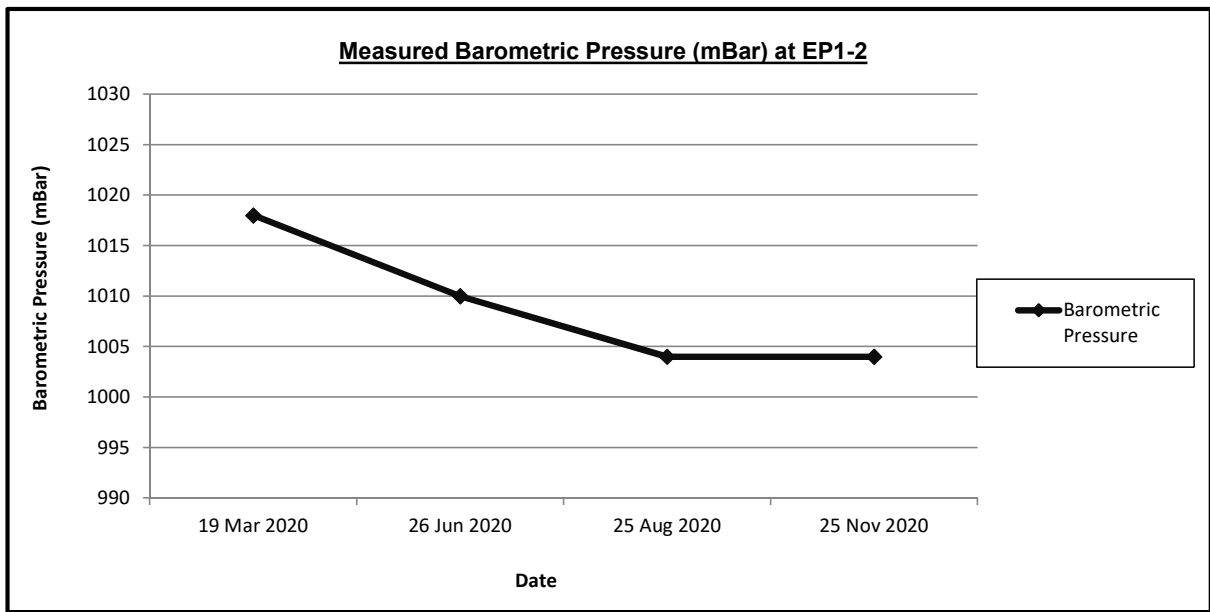
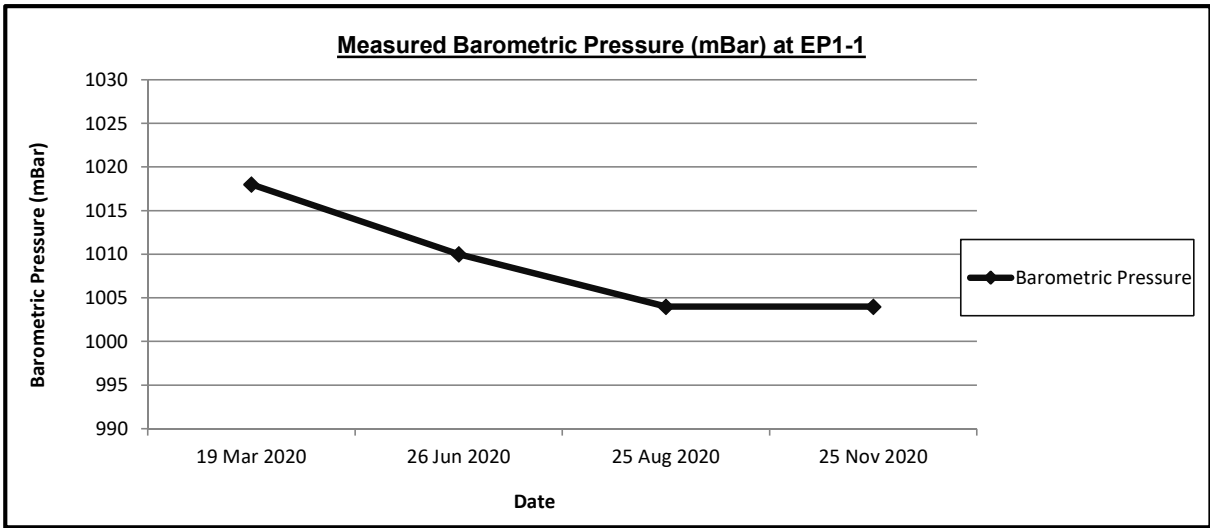


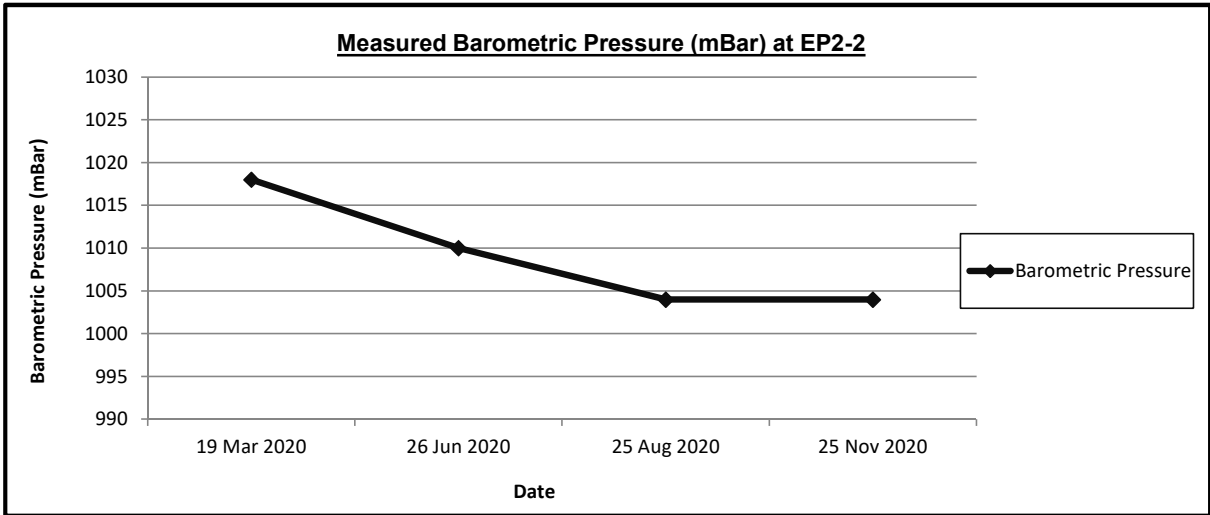
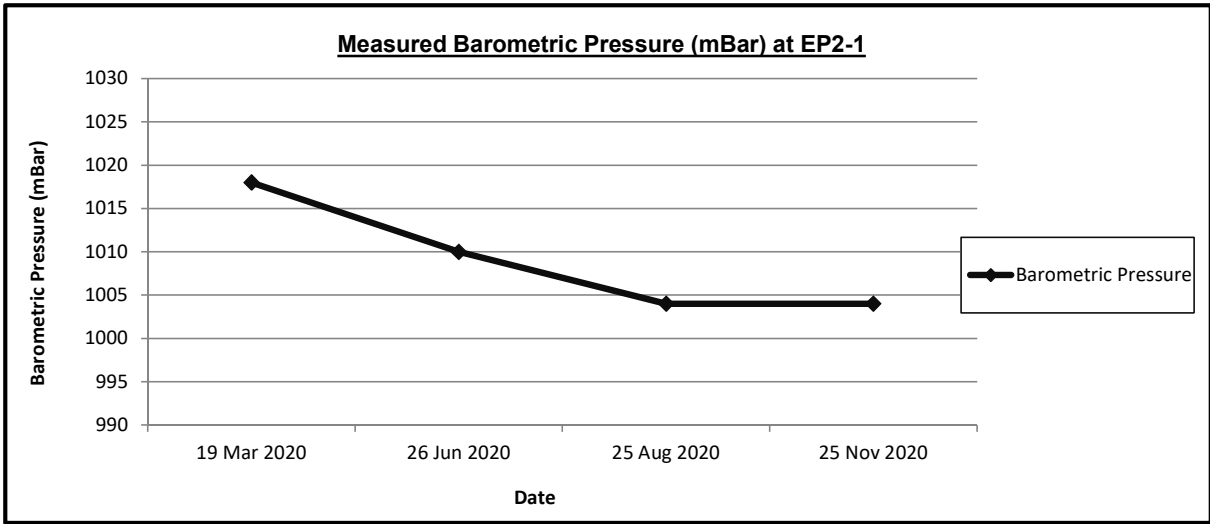






Remark: All <0.1%v/v for carbon dioxide is regarded as 0.0%v/v in graphical presentation





## **Appendix 6**

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### **Tenant-specific Audit Checklists for the Reporting Quarter**

## **Appendix 6.1**

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### **Tenant-specific Audit Checklists for the Reporting Quarter Champway Technology 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Sampling record available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sampling report (October 2020)
b) Monitoring frequency met the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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 (1, 3-4) / 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Petrol interceptor is provided
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"/>	

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Valid from Feb 2018 to Feb 2023
a)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No loading/unloading of dusty materials is observed
3.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dust-generating activity is observed
3.6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.11	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Regular replacement of activated carbon filter
3.12	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.16	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17	<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**

	N/A	Yes	No	Remarks
4.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	Follow-up Observation (2, 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"/>	_____
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"/>	_____
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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

**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"/>	_____
6.8	Valid licence(s) obtained for manufacture or storage of dangerous goods?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
	a) Storage area in compliance with the approved plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Subject to tenant's information provision
	b) Storage area is securely locked?	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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) Oil sheen on the perimeter drain at the oil storage tank area opposite the biodiesel processing plant was cleared up.



(Observed on 23 September 2020)



(Observed on 20 October 2020)

- 2) The oil spillage under the plant building near site office was cleared up. The broken oil pipe under the plant building is no longer in use, and will be removed from underneath the plant building.



(Observed on 23 September 2020)



(Observed on 20 October 2020)

3) Oil spillage in the perimeter drainage next to the new filter press facility was removed.



(Observed on 23 September 2020)



(Observed on 20 October 2020)

4) Oil spillage in the stormwater manhole at the vehicular access was cleared up.



(Observed on 23 September 2020)



(Observed on 20 October 2020)

5) Oil spillage at the stockpile area next to the processing plant was cleared up.



(Observed on 23 September 2020)



(Observed on 20 October 2020)

**New Observations**

1) Oily layer on sewage water was observed in the sewerage outside the site entrance. The tenant was requested to clear up the oil and prevent oil from entering the sewerage system. This item will be reviewed in the next inspection.



(Observed on 20 October 2020)

**Signatures:**

ET Representative:



Name: Chris LO

Date: 2020/10/20

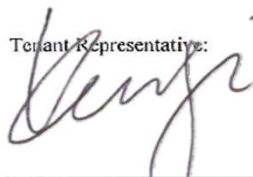
Operator Representative:



Name: **May Wu**

Date: **30 OCT 2020**

Tenant Representative:



Name: Kenji Wong

Date: 13 Nov 2020

IEC Representative:



Name: Bryan Leung

Date: 28/10/2020

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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Sampling record available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sampling report (October 2020)
b) Monitoring frequency met the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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 (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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Petrol interceptor is provided
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"/>	

**SITE INSPECTION CHECKLIST**

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"/>	
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 type="checkbox"/>	<input checked="" 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
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"/>	

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



- |  |                                     |                                     |                          |                               |
|--|-------------------------------------|-------------------------------------|--------------------------|-------------------------------|
| 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 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"/> | New Observation (1-3) |
| 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"/> | _____        |
| 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?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | _____ |

**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"/>	_____
6.8	Valid licence(s) obtained for manufacture or storage of dangerous goods?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
	a) Storage area in compliance with the approved plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Subject to tenant's information provision
	b) Storage area is securely locked?	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
	e) Dangerous goods properly packaged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

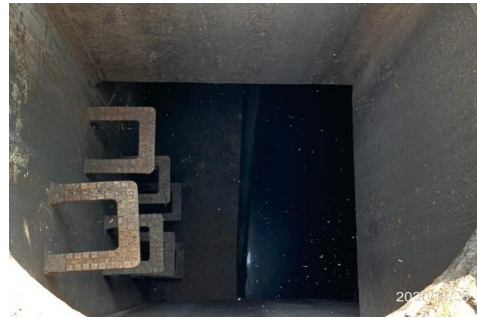
**Remarks:**

**Follow-up from Previous Audits**

- 1) Oily layer on sewage water in the sewerage outside the site entrance was cleared.



(Observed on 20 October 2020)



(Observed on 25 November 2020)

**New Observations**

- 1) Oil stain was observed near the bins in the refuse area at the front of the processing plant. The tenant was requested to clear up the oil. This item will be reviewed in the next inspection.



(Observed on 25 November 2020)

- 2) Oil stain was observed near the tanks in the stockpile area near the site office. The tenant was requested to clear up the oil. This item will be reviewed in the next inspection.



(Observed on 25 November 2020)

- 3) The perimeter drainage was observed to have been blocked. The tenant was requested to clear up the blockage to avoid overflow. This item will be reviewed in the next inspection.



(Observed on 25 November 2020)

**Signatures:**

ET Representative:



Name: Chris LO

Date: 2020/11/25

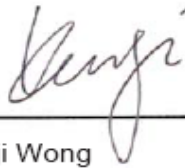
Operator Representative:



Name: May Wu

Date: 3 Dec 2020

Tenant Representative:



Name: Kenji Wong

Date: 4 Dec 2020

IEC Representative:



Name: Bryan Yeung

Date: 02/12/2020

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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Sampling record available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sampling report (November 2020)
b) Monitoring frequency met the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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 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"/>	Petrol interceptor is provided
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"/>	

**SITE INSPECTION CHECKLIST**

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"/>	
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 type="checkbox"/>	<input checked="" 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
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"/>	

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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 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 (1-3) / 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"/>	_____
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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

**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"/>	_____
6.8	Valid licence(s) obtained for manufacture or storage of dangerous goods?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
	a) Storage area in compliance with the approved plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Subject to tenant's information provision
	b) Storage area is securely locked?	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
	e) Dangerous goods properly packaged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

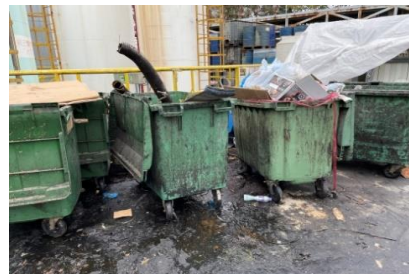
**Remarks:**

**Follow-up from Previous Audits**

- 1) Oil stain was still observed near the bins in the refuse area at the front of the processing plant. The tenant was requested to clear up the oil. This item will be reviewed in the next inspection.



(Observed on 25 November 2020)



(Observed on 17 December 2020)

- 2) Oil stain was still observed near the tanks in the stockpile area near the site office. The tenant was requested to clear up the oil. This item will be reviewed in the next inspection.



(Observed on 25 November 2020)



(Observed on 17 December 2020)

**SITE INSPECTION CHECKLIST**



- 3) The perimeter drainage was still observed to have been blocked. In addition, oil and oil sludge were also observed in the drainage. The tenant was requested to clear up the blockage and oil to avoid overflow and pollution. This item will be reviewed in the next inspection.



(Observed on 25 November 2020)



(Observed on 17 December 2020)

**New Observations**

- 1) Activated carbon was observed to have been spilled all over the floor. The tenant was requested to better monitor the condition of material storage. This item will be reviewed in the next inspection.



(Observed on 17 December 2020)

**Signatures:**

ET Representative:

Name: Chris LO

Date: 2020/12/17

Operator Representative:

Name: May Wu

Date: 24 DEC 2020

Tenant Representative:

Name: Kenji Wong

Date: 29 Dec 2020

IEC Representative:

Name: Bryan Yang

Date: 23/12/20

## **Appendix 6.2**

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





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
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	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required



loading and unloading adjacent to marine frontage?

- |   |                                     |                                     |                          |  |
|---|-------------------------------------|-------------------------------------|--------------------------|--|
| 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<br>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 type="checkbox"/>                                | <input checked="" 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"/> | _____  |
| 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   |
| 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: 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"/>	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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**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:

Name: Chris LO

Date: 2020/10/20

Operator Representative:

Name: May Wu

Date: 30 OCT 2020

Tenant Representative:

Name: Eagle Lam

Date: 4/11/2020

IEC Representative:

Name: Bryan Kenny

Date: 25/10/2020

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
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	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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 rainstorm during inspection
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 type="checkbox"/>	<input checked="" 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"/>	
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
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"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Wind erosion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Vehicle/equipment movement
<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<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"/>	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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**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"/>	



	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: Chris LO

Name: **May Wu**

Name: **Eagle Lam**

Name: **Bryan Yang**

Date: 2020/11/25

Date: **3 Dec 2020**

Date: **10/12/2020**

Date: **06/12/2020**



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
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	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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 rainstorm during inspection
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"/>	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"/>	
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"/>	No operation is observed during inspection
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?	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Wind erosion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Vehicle/equipment movement
<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<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"/>	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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**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"/>	



	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: Chris LO

Name: May Wu

Name: Eagle Lam

Name:

Date: 2020/12/17

Date: 24 DEC 2020

Date: 29 Dec 2020

Date:

## **Appendix 6.3**

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### **Tenant-specific Audit Checklists for the Reporting Quarter HP Telford Envirotech Group 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 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"/>	
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 operation is observed during inspection
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"/>	No operation is observed during inspection
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: 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"/> | 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:**

**New Observation**

· No major environmental deficiency was observed.

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Chris LO

Name: **May Wu**

Name: **MRS. LBB**

Name:

Date: 2020/10/20

Date: **30 OCT 2020**

Date: **4/11/2020**

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"/>	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"/>	
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 operation is observed during inspection
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"/>	No operation is observed during inspection
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: 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"/> | 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:**

**New Observation**

No major environmental deficiency was observed.

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Chris LO

Name: May Wu  
3 Dec 2020

Name: LEE MING TAK

Name: Byron Jung

Date: 2020/11/25

Date:

Date: 3-12-2020

Date:

021/11/2020

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

<b><u>1. General</u></b>	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"/>	

<b><u>2. Water Quality</u></b>	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"/>	
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 operation is observed during inspection
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"/>	No operation is observed during inspection
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: 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"/> | 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:**

**New Observation**

· No major environmental deficiency was observed.

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Chris LO

Name: May Wu  
 Date: 24 DEC 2020

Name: Lee Hing Tak  
 Date: 24-12-2020

Name:

Date:

Date: 2020/12/17

## **Appendix 6.4**

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### **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

<b>1. General</b>	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"/>	

<b>2. Water Quality</b>	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
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"/>	

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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"/>	
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 applicable for trucks transporting scrap steel material as observed on site.
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"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Wind erosion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Vehicle/equipment movement
<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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"/>	
4.22 Walls or partitions of stacked container storage area constructed of impermeable material?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**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 Audit**

- 1) Loads levels of trucks were reduced.




(Observed on 23 September 2020)



(Observed on 20 October 2020)

**Signatures:**

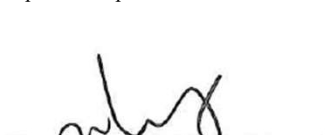
ET Representative:



Name: Chris LO

Date: 2020/10/20

Operator Representative:



Name: May Wu

Date: 30 OCT 2020

Tenant Representative:

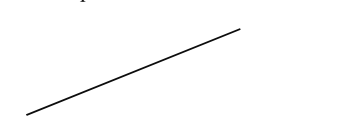


Name:

Date:

2/11/2020

IEC Representative:



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"/>	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
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"/>	

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



- |   |                                     |                                     |                          |  |
|---|-------------------------------------|-------------------------------------|--------------------------|--|
| 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"/> | _____  |
| 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 applicable for trucks transporting scrap steel material as observed on site. |
| 3.16 Truck loads to a level within the side and tail boards?   | <input type="checkbox"/>                                | <input checked="" type="checkbox"/>                 | <input type="checkbox"/> | _____  |
| 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"/>	
4.22 Walls or partitions of stacked container storage area constructed of impermeable material?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**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**

- No major environmental deficiency was observed.

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Chris LO

Name: May Wu

Name: Jiahua Lu

Name: Bryan Yenny

Date: 2020/11/25

Date: 3 Dec 2020

Date: 3/12/20

Date: 02/12/2020

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
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"/>	

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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"/>	
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 applicable for trucks transporting scrap steel material as observed on site.
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: 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"/>	
4.22 Walls or partitions of stacked container storage area constructed of impermeable material?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**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**

- Loads levels of trucks were observed to exceed the levels of the sides and the tailboard during the inspection. The tenant was requested to reduce the load levels of trucks. This item will be reviewed in the next inspection.



(Observed on 17 December 2020)

**Signatures:**

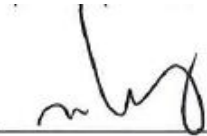
ET Representative:



Name: Chris LO

Date: 2020/12/17

Operator Representative:



Name: May Wu

Date: 24 DEC 2020

Tenant Representative:



Name: 吳美玲

Date: 24/12/2020

IEC Representative:



Name:

Date:

## **Appendix 6.5**

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### **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 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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"/>	



**SITE INSPECTION CHECKLIST**



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 2020)
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 was 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 (September 2020)
	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
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"/>	
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"/>	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 checked="" 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 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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

**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:**

**New Observation**

- 1) C&D materials were observed in the surface channel near the stockpile area. The tenant was requested to clear up the C&D materials, and further reminded to implement sufficient mitigation measures to prevent materials from entering into drains. This item will be reviewed in the next inspection.



(Observed on 20 October 2020)

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:






Name: Chris LO

Name: May Wu

Name: Sammy Siu

Name:

Date: 2020/10/20

Date: 30 OCT 2020

Date: 2/11/2020

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 type="checkbox"/>	<input checked="" type="checkbox"/>	Follow-up item (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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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"/>	

**SITE INSPECTION CHECKLIST**



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 2020)
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 was 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 (October 2020)
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
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"/>	
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"/>	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 checked="" 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 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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

**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 Audit**

- 1) C&D materials were still observed in the surface channel near the stockpile area. The tenant was requested to clear up the C&D materials, and further reminded to implement sufficient mitigation measures to prevent materials from entering into drains. This item will be reviewed in the next inspection.



(Observed on 20 October 2020)



(Observed on 25 November 2020)

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:



Name: Chris LO

Date: 2020/11/25



Name: May Wu

Date: 3 Dec 2020



Name: Sammy Siu

Date: 4/12/2020



Name: Byron Tang

Date: 02/12/2020

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 type="checkbox"/>	<input checked="" type="checkbox"/>	Follow-up item (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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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"/>	



**SITE INSPECTION CHECKLIST**



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 2020)
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 was 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 (October 2020)
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
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"/>	
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"/>	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 checked="" 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 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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

**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"/>	

	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 Audit**

- 1) C&D materials in the surface channel near the stockpile area was observed to have been cleared. The tenant was reminded to cover the C&D materials to avoid future blockage.



(Observed on 25 November 2020)



(Observed on 17 December 2020)

**New Observation**

- 1) C&D materials were observed to have blocked the parameter drain. The tenant was requested to clear up the C&D materials to avoid overflow. by covering them with tarpaulin. This item will be reviewed in the next inspection.



(Observed on 17 December 2020)


**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:



Name: Chris LO

Name: May Wu

Name: Sammy Siu

Name:

Date: 2020/12/17

Date: 24 DEC 2020

Date: 24/12/2020

Date:

**Appendix 6.6**

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

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"/>	
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
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"/>	

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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"/>	Dust filter was checked and maintained.
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?	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Wind erosion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Vehicle/equipment movement
<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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
4.22 Walls or partitions of stacked container storage area constructed of impermeable material?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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**

- No major environmental deficiency was observed.

**Signatures:**

ET Representative:

Name: Chris LO

Date: 2020/10/20

Operator Representative:

Name: May Wu

Date: 30 OCT 2020

Tenant Representative:

Name: Winnie Siu

Date: 2/11/2020

IEC Representative:

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"/>	
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
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"/>	

**SITE INSPECTION CHECKLIST**



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"/>	Dust filter was checked and maintained.
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?	<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
4.22 Walls or partitions of stacked container storage area constructed of impermeable material?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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**

- No major environmental deficiency was observed.

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Chris LO

Name: **May Wu**  
 Date: **3 Dec 2020**

Date: 2020/11/25

Name: **TONY TSH**  
 Date: **3/12/2020**

Name: **Byron Yung**  
 Date: **02/12/2020**

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
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"/>	

**SITE INSPECTION CHECKLIST**



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"/>	Dust filter was checked and maintained.
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?	<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
4.22 Walls or partitions of stacked container storage area constructed of impermeable material?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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**

- No major environmental deficiency was observed.

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Chris LO

Name: May Wu

Name: John Feng

Name:

Date: 2020/12/17

Date: 24 DEC 2020

Date: 24. 12 - 2020

Date:

**Appendix 6.7**

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**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 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"/>	No contaminated water is observed
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	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



loading and unloading adjacent to marine frontage?

- |   |                                     |                                     |                          |  |
|---|-------------------------------------|-------------------------------------|--------------------------|--|
| 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"/>            | Dust filter was checked and maintained.                                       |
| 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  |
| 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**

<u>General</u>	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"/>	
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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

**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"/>	

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



	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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e) Dangerous goods properly packaged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**Remarks:**

**New Observation**

- The sieve on the stormwater manhole opposite the chemical waste stores was found to be filled by plastics debris. The tenant was requested to clear up the debris, and further reminded to better maintain drains to prevent any blockage. This item will be reviewed in the next inspection.



(Observed on 20 October 2020)

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Chris LO

Name: May Wu

Name: Linus Lee

Name:

Date: 2020/10/20

Date: 30 OCT 2020

Date: 06-11-2020

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 type="checkbox"/>	<input checked="" type="checkbox"/>	Follow-up 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"/>	No contaminated water is observed
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	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



loading and unloading adjacent to marine frontage?

- |   |                                     |                                     |                          |  |
|---|-------------------------------------|-------------------------------------|--------------------------|--|
| 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"/>            | Dust filter was checked and maintained.                                       |
| 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  |
| 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**

<u>General</u>	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"/>	
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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

**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"/>	

	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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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**

- The sieve on the stormwater manhole opposite the chemical waste stores was still found to be filled by plastics debris. The tenant was requested to clear up the debris, and further reminded to better maintain drains to prevent any blockage. This item will be reviewed in the next inspection.



(Observed on 20 October 2020)



(Observed on 25 November 2020)

**Signatures:**

ET Representative:



Name: Chris LO

Date: 2020/11/25

Operator Representative:



Name: May Wu

Date: 3 Dec 2020

Tenant Representative:



Name: Clement Pang

Date: 7 Dec 2020

IEC Representative:



Name: Byron Yuen

Date: 02/12/2020

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"/>	Follow-up 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"/>	No contaminated water is observed
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	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



loading and unloading adjacent to marine frontage?

- |   |                                     |                                     |                          |  |
|---|-------------------------------------|-------------------------------------|--------------------------|--|
| 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 was observed in lunch hour                                       |
| 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 was observed in lunch hour                                       |
| 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"/>            | Dust filter was checked and maintained.                                       |
| 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  |
| 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**

<u>General</u>	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"/>	
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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

**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"/>	

	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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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) Plastics debris in the sieve on the stormwater manhole opposite the chemical waste stores was observed to have been cleared. The tenant was reminded to take extra care to avoid future blockage.



(Observed on 25 November 2020)



(Observed on 17 December 2020)

**Signatures:**

ET Representative:



Name: Chris LO

Date: 2020/12/17

Operator Representative:



Name: May Wu

Date:

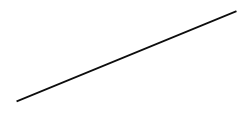
Tenant Representative:



Name: Linda Lee

Date: 31-12-2020

IEC Representative:



Name:

Date:

## **Appendix 6.8**

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### **Tenant-specific Audit Checklists for the Reporting Quarter On Fat Lung Innovative Resources 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"/>	No wastewater is generated from recycling process
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



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 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 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



- 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?    \_\_\_\_\_
- 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 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: Chris LO

Name: May Wu

Name: Mr. Kennething On

Name:

Date: 2020/10/20

Date: 30 OCT 2020

Date: 4-11-2020

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"/>	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"/>	No wastewater is generated from recycling process
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



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 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 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



- 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?    \_\_\_\_\_
- 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 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?    \_\_\_\_\_

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: Chris LO

Name: May Wu

Name: KWAN NING ON

Name: Bye Tung

Date: 2020/11/25

Date: 3 Dec 2020

Date: 3-12-2020

Date: 02/12/2020

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"/>	No wastewater is generated from recycling process
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





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 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 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



- 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?    \_\_\_\_\_
- 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 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?    \_\_\_\_\_

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: Chris LO

Name: May Wu

Name: Kenny Kwan

Name:

Date: 2020/12/17

Date: 24 DEC 2020

Date: 24-12-2020

Date:

## **Appendix 6.9**

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### **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
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 type="checkbox"/>	<input checked="" 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 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 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?    Not observed
- 3.17 Stockpiles of dusty materials covered or regularly watered?    Dampening of waste wood affects the wood quality and is therefore not applicable
- 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 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
<b><u>Packaging of Chemical Waste</u></b>				
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"/>	
<b><u>Labelling of Chemical Waste</u></b>				
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"/>	
<b><u>Storage of Chemical Waste</u></b>				
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"/>	
<b><u>Liquid Waste Storage</u></b>				
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?    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: Chris LO

Name: May Wu

Name: Eagle Lam

Name: Bryan Kenny

Date: 2020/10/20

Date: 30 OCT 2020

Date: 4/11/2020

Date: 28/10/2020



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
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 type="checkbox"/>	<input checked="" 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 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 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



- 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?    Dampening of waste wood affects the wood quality and is therefore not applicable
- 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 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"/> |  |



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: Chris LO

Name: May Wu

Name: Eagle Lam

Name: Bryan Yang

Date: 2020/11/25

Date: 3 Dec 2020

Date: 10/12/2020

Date: 02/12/2020

## **Appendix 6.10**

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### **Tenant-specific Audit Checklists for the Reporting Quarter General EcoPark 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

**Follow-up from Previous Audit**

**Baguio**

- 1) Mud debris was still observed being flushed into the stormwater gully on the road outside the site entrance. The tenant should implement sufficient measures on site to collect, treat and reuse wastewater generated from construction activity (such as wheel-washing activity) for better wastewater control. This item will be reviewed in the next inspection.



(Observed on 23 September 2020)



(Observed on 20 October 2020)

- 2) Temporary stockpile of C&D materials was still observed to not be covered or watered. The tenant was requested to cover the stockpiles with tarpaulin for dust suppression. This item will be reviewed in the next inspection.



(Observed on 23 September 2020)



(Observed on 20 October 2020)

**New Observation**

**HKBRC**

- No major environmental deficiency was observed.

**Baguio**

- No major environmental deficiency was observed.

**3R**

- No major environmental deficiency was observed.

**South China**

- No major environmental deficiency was observed.

**Other Areas**

- No major environmental deficiency was observed.

**Signatures:**

ET Representative:



Name: Chris LO

Date: 2020/10/20

Operator Representative:



Name: May Wu

Date: 30 OCT 2020

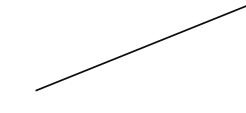
Tenant Representative:



Name:

Date:

IEC Representative:



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

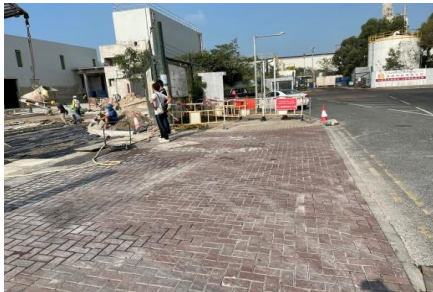
**Follow-up from Previous Audit**

**Baguio**

- 1) The surface of Baguio’s lot was observed to have been paved with concrete during the site inspection. It is noted the existing surface channel was temporarily blocked off from the public drainage network to facilitate the drainage works of the site. However, mud debris was still observed in the surface channel. The contractor was requested to clean the mud debris before operation of the site’s drainage network to prevent runoff into the public drainage system. This item will be reviewed in the next inspection.



(Observed on 20 October 2020)



(Observed on 25 November 2020)





- 2) Temporary stockpile of C&D materials was still observed to not be covered or watered. The tenant was requested to cover the stockpiles with tarpaulin for dust suppression. This item will be reviewed in the next inspection.



(Observed on 20 October 2020)



(Observed on 25 November 2020)

**New Observation**

**HKBRC**

- No major environmental deficiency was observed.

**Baguio**

- No major environmental deficiency was observed.

**3R**

- No major environmental deficiency was observed.

**South China**

- No major environmental deficiency was observed.

**Other Areas**

- No major environmental deficiency was observed.

---

**Signatures:**

ET Representative:



Name: Chris LO

Date: 2020/11/25

Operator Representative:



Name: **May Wu**

Date: **3 Dec 2020**

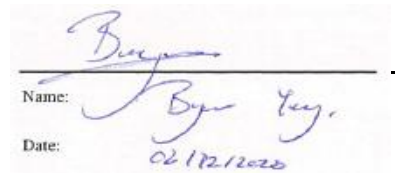
Tenant Representative:



Name:

Date:

IEC Representative:



Name: **Bryan Yung**

Date: **06/12/2020**

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

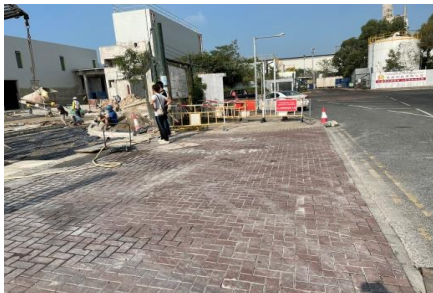
**Weather**

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

**Follow-up from Previous Audit**

**Baguio**

- 1) It is noticed the existing surface channel was still blocked. Mud debris was still observed in the surface channel. The contractor was requested clean the mud debris before operation of the site's drainage network to prevent runoff into the public drainage system. This item will be reviewed in the next inspection.



(Observed on 25 November 2020)



(Observed on 17 December 2020)



- 2) Temporary stockpile of C&D materials was still observed to not be covered or watered. The tenant was requested to cover the stockpiles with tarpaulin for dust suppression. This item will be reviewed in the next inspection.



(Observed on 25 November 2020)



(Observed on 17 December 2020)

**New Observation**

**HKBRC**

- No major environmental deficiency was observed.

**Baguio**

- No major environmental deficiency was observed.

**3R**

- No major environmental deficiency was observed.

**South China**

- No major environmental deficiency was observed.

**FWMG**

- No major environmental deficiency was observed.


**Other Areas**

- No major environmental deficiency was observed.

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**Signatures:**

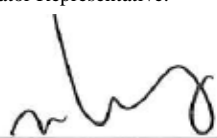
ET Representative:



Name: Chris LO

Date: 2020/12/17

Operator Representative:



Name: May Wu  
Date: 24 DEC 2020

Date:

Tenant Representative:



Name:

Date:

IEC Representative:



Name:

Date: