

Issue No. : Issue 1  
Issue Date : July 2019  
Project No. : 1616

## **ECOPARK OPERATION**

### **QUARTERLY ENVIRONMENTAL MONITORING & AUDIT REPORT (APRIL – JUNE 2019)**

Prepared By:

**ALLIED ENVIRONMENTAL CONSULTANTS LTD.**

**COMMERCIAL-IN-CONFIDENCE**

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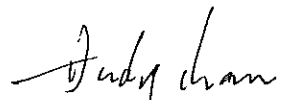
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## **TABLE OF CONTENTS**

<b>LIST OF FIGURES</b>	<b>ii</b>
<b>LIST OF TABLES</b>	<b>iii</b>
<b>LIST OF APPENDICES</b>	<b>iii</b>
<b>EXECUTIVE SUMMARY</b>	<b>1</b>
<b>1 PROJECT BACKGROUND</b>	<b>4</b>
1.1 Project Overview	4
1.2 Operation Programme	4
1.3 Project Organization and Contact Personnel	5
<b>2 SUMMARY OF EM&amp;A REQUIREMENT</b>	<b>8</b>
2.1 Monitoring Parameters	8
2.2 Environmental Quality Performance Limits and EAP	8
2.3 Environmental Audit of Non-Monitored Parameters	9
2.4 Environmental Mitigation Measures	9
2.5 Environmental Requirements in Tenancy Agreements	9
<b>3 OPERATION STATUS</b>	<b>11</b>
3.1 General	11
3.2 Champway Technology Limited	11
3.3 Shiu Wing Steel Limited	11
3.4 Hong Kong Biomass (Wood) Collect and Recycle Company Limited	11
3.5 HP Telford Envirotech Group Limited	12
3.6 Chung Yue Steel Group Company Limited	12
3.7 K.Wah Construction Products Ltd.	12
3.8 South China Reborn Resources (Zhongshan) Company Ltd.	12
3.9 WEEE.PARK	13
3.10 On Fat Lung Innovative Resources Ltd.	13
3.11 Throughput Statistics	13
3.12 Process Review	14
<b>4 IMPLEMENTATION STATUS OF ENVIRONMENTAL PROTECTION MEASURES</b>	<b>16</b>
<b>5 MONITORING RESULTS</b>	<b>17</b>
5.1 Monitoring Date, Time, Frequency and Duration	17
5.2 Monitoring Methodology, Parameters and Equipment	17
5.3 Results and Graphical Plots of Monitoring Parameters	18
<b>6 SUMMARY OF ENVIRONMENTAL AUDIT</b>	<b>20</b>

6.1	<i>General</i>	20
6.2	<i>Champway Technology Limited</i>	20
6.3	<i>Hong Kong Biomass (Wood) Collect and Recycle Company Limited</i>	21
6.4	<i>HP Telford Envirotech Group Limited</i>	21
6.5	<i>Chung Yue Steel Group Company Limited</i>	22
6.6	<i>K.Wah Construction Products Limited</i>	22
6.7	<i>South China Reborn Resources (Zhongshan) Company Limited.</i>	23
6.8	<i>E.Tech Management (HK) Limited.</i>	23
6.9	<i>WEEE.PARK</i>	24
6.10	<i>On Fat Lung Innovative Resources Limited</i>	24
6.11	<i>General Condition of EcoPark</i>	25
<b>7</b>	<b>ENVIRONMENTAL COMPLAINTS, NOTIFICATION OF SUMMONS AND SUCCESSFUL PROSECUTION</b>	<b>26</b>
7.1	<i>Follow-up on Previous Environmental Complaint</i>	26
7.2	<i>New Environmental Complaint, Notification of Summon and Successful Prosecution in the Reporting Period</i>	26
<b>8</b>	<b>CONCLUSIONS</b>	<b>27</b>

### **LIST OF FIGURES**

Figure 1-1	Location of EcoPark in Tuen Mun Area 38
Figure 1-2	Organisation Chart of UPML
Figure 1-3	Organisation Chart of EM&A Works (Operation)
Figure 2-1	LFG Monitoring Locations within EcoPark
Figure 3-1	Current Lot Usage within EcoPark

## **LIST OF TABLES**

Table 1.1	EM&A Personnel Contact Details
Table 2.1	Operation Phase LFG Monitoring Locations in EcoPark
Table 2.2	Action Levels, Limit Levels and Event and Action Plan for LFG
Table 3.1	Throughput Statistics for the Reporting Quarter
Table 5.1	Sampling Schedule for the Quarterly LFG Monitoring
Table 5.2	Parameters and Measurement Ranges for LFG Monitoring
Table 5.3	Quarterly LFG Monitoring Results in the Reporting Quarter
Table 6.1	Environmental Audit Findings for Champway
Table 6.2	Environmental Audit Findings for HK Biomass
Table 6.3	Environmental Audit Findings for HP Telford
Table 6.4	Environmental Audit Findings for Chung Yue
Table 6.5	Environmental Audit Findings for K.Wah
Table 6.6	Environmental Audit Findings for South China
Table 6.7	Environmental Audit Findings for E.Tech
Table 6.8	Environmental Audit Findings for WEEE.PARK
Table 6.9	Environmental Audit Findings for On Fat Lung
Table 6.10	General EcoPark Audit Findings
Table 8.1	Throughput Statistics for the Reporting Quarter

## **LIST OF APPENDICES**

Appendix 1	Environmental Mitigation Measures (from the Implementation Schedule)
Appendix 2	Environmental Requirements in Tenancy Agreements
Appendix 2.1	Environmental Requirements in Tenancy Agreements (Shiu Wing)
Appendix 2.2	Environmental Requirements in Tenancy Agreements (All Tenants except Shiu Wing)
Appendix 3	Material and Waste Throughputs
Appendix 3.1	Material and Waste Throughputs of the Reporting Quarter
Appendix 3.2	Updates of Previously-Reported Material and Waste Throughputs
Appendix 4	Calibration Certificate of Infrared Gas Analyser
Appendix 5	Laboratory Test Report and Graphical Plots of LFG Monitoring
Appendix 6	Tenant-Specific Audit Checklists for the Reporting Quarter
Appendix 6.1	Champway Technology Ltd
Appendix 6.2	Shiu Wing Steel Ltd
Appendix 6.3	Hong Kong Biomass (Wood) Collect and Recycle Company Ltd
Appendix 6.4	HP Telford Envirotech Group Ltd
Appendix 6.5	Chung Yue Steel Group Co Ltd
Appendix 6.6	K.Wah Construction Products Ltd
Appendix 6.7	South China Reborn Resources (Zhongshan) Co Ltd
Appendix 6.8	E.Tech Management (HK) Ltd
Appendix 6.9	WEEE.PARK
Appendix 6.10	On Fat Lung Innovative Resources Limited
Appendix 6.11	General EcoPark Checklists

## **EXECUTIVE SUMMARY**

### **General**

EcoPark is a key element in the Government's waste management policy that aims at promoting the local recycling industry by providing long-term land at affordable rents, thereby encouraging investment in advanced technology and value-added recycling processes. EcoPark is being developed in two phases at site in Tuen Mun Area 38 as shown in **Figure 1-1**. The contract for the management of EcoPark – Contract No. *EP/SP/102/17 Provision of Management Services for EcoPark 2018* was awarded to Urban Property Management Limited (UPML) by Environmental Protection Department (EPD) effective from 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 forty-ninth (49<sup>th</sup>) quarterly EM&A report prepared for the operation phase of EcoPark and covers the quarter from April to June 2019. In the reporting quarter, there were eleven tenants in EcoPark Phase 1 and Phase 2 and one operator of WEEE.PARK in EcoPark Phase 2. The details are provided as below:

Phase 1 tenants comprise:

- Champway Technology Ltd. (Champway) – Waste cooking oil
- 3R Hong Kong International Eco-Pioneer Ltd. (3R)– Waste Plastics (since 16<sup>th</sup> June 2019)
- 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

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. (WEEE.PARK) – WEEE

Tenancy of one tenant was expired:

- Shiu Wing Steel Ltd. (Shiu Wing) – Waste metals (expired on 15<sup>th</sup> June 2019)

Recycling activities of WEEE.PARK and the following eight active tenants were audited in the reporting quarter: Champway, HK Biomass, HP Telford, K.Wah, E.Tech, On Fat Lung, Chung Yue and South China. Lots possessed by HKBRC (i.e. Lots P9 & P10), the lots possessed by 3R (i.e. Lots T2 & T3), the lot possessed by Baguio (i.e. Lot T6), and 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 29<sup>th</sup> April, 23<sup>rd</sup> May and 17<sup>th</sup> June 2019. IEC also carried out random site audits on 29<sup>th</sup> April and 17<sup>th</sup> June 2019. A quarterly joint site inspection was carried out by the Operator, the IEC and the ET on 23<sup>rd</sup> May 2019.

### Throughput of Materials / Waste Generated

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

Material Type	Waste Input (tonnes)	Product Output <sup>(4)</sup> (tonnes)	Waste Disposed <sup>(4)</sup> (tonnes)
Waste Organic Food	1258	1144	175
Waste Ferrous Metals	24,344	25,390	145
Waste Wood	220	391	-
Waste Electronics	4,482	4,009	463
Waste Plastics	203	37	-
Construction Waste	799	6,981	3
Waste Glass	324		
Waste Rubber Tyres	104	50	-

#### Notes:

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

### Exceedances of Any Measured Action / Limit Levels

The northern part of EcoPark is located within the 250m Landfill Gas (LFG) Consultation Zone of Shiu Lang Shui Landfill. LFG monitoring during this quarter was undertaken on 17<sup>th</sup> June 2019 at five locations (three in Phase 1 and two in Phase 2). Exceedance of Action Level was recorded at Station EP2-2 in the reporting quarter and is summarised in the table below.

Station ID	Parameter	Recorded Level	Action Level	Limit Level	Status
EP2-2	Carbon Dioxide (% v/v)	0.6%	> 0.5%	> 1.5%	Exceedance of Action Level

No apparent source of CO<sub>2</sub> generation was observed during the investigation. Ventilation enhancement was carried out in accordance with the Event Action Plan for LFG specified in Table



6.1 of the EM&A Manual to restore the concentration of CO<sub>2</sub> to non-exceedance level. Measurement was conducted after the ventilation enhancement to confirm the restoration of CO<sub>2</sub> concentration to non-exceedance level (i.e. 0.0% v/v).

With reference to similar exceedance events occurred previously, it is suspected that organic matters entered the underground chambers/pipes during rainy events (e.g. in previous weeks before measurement) and accumulated inside the underground utilities, where microbial activity occurred and eventually increased CO<sub>2</sub> generation within the chamber/pipes during the decomposition of organic matter. Since no methane was detected at any station and no exceedance was recorded at other stations, there was no indication of the migration of LFG from Siu Lang Shui Landfill.

As confirmed by the Operator, no underground work was being carried out in EcoPark on the monitoring day or before. Based on the above findings, the exceedance of CO<sub>2</sub> is not anticipated to impose any adverse impact on staffs/workers/environment in EcoPark. Nonetheless, the Operator will continue to implement the cleaning programme of underground chambers for wet season. The LFG level will be checked during the next quarterly LFG monitoring in September 2019.

### **Summary of Complaints, Summons and Prosecutions**

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

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

### **Reporting Changes**

There is no change in the reporting quarter.

### **Future Key Issues**

No key issues are anticipated in the next reporting quarter.

## 1 PROJECT BACKGROUND

### 1.1 Project Overview

- 1.1.1 In the document "A Policy Framework for the Management of Municipal Solid Waste (2005 –2014)", the government set out a comprehensive policy to support the recycling industry. This included allocating suitable land, encouraging research and development, introducing environmental legislation and providing effective support measures. In May 2013, the Environment Bureau launched “Hong Kong Blueprint for Sustainable Use of Resources 2013 – 2022”, which promised continuing support for the recycling industry.
- 1.1.2 EcoPark was developed to support the local recycling industry by providing long-term land at affordable rents, thereby encouraging investment in advanced technology and value-added recycling processes.
- 1.1.3 EcoPark, as shown in **Figure 1-1**, has been developed in Tuen Mun Area 38 in two phases (Phase1 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 eleven tenants in EcoPark and one operator of WEEE.PARK:
- Eight active tenants (Champway, HK Biomass, HP Telford, Chung Yue, K.Wah, South China, E.Tech and On Fat Lung) who have carried out full recycling operations; No recycling operation was carried out by Shiu Wing in the reporting period and its tenancy has been expired on 15<sup>th</sup> June 2019;
  - Waste Management Policy Group (WMG) of EPD has taken possession of Lots P2, P3, P4 and handed over to Alba Integrated Waste Solutions (Hong Kong) Ltd. (Alba IWS) to carry out operation of WEEE.PARK;

- One tenant (HKBRC) completed plant construction for 1<sup>st</sup> Phase of its plant in May 2019 and machinery installation is in progress;
- One tenant (Baguio) is carrying out hoarding works but without any site operation; and
- One tenant (3R) commenced tenancy on 16<sup>th</sup> June 2019 without any site operation.

### 1.3 Project Organization and Contact Personnel

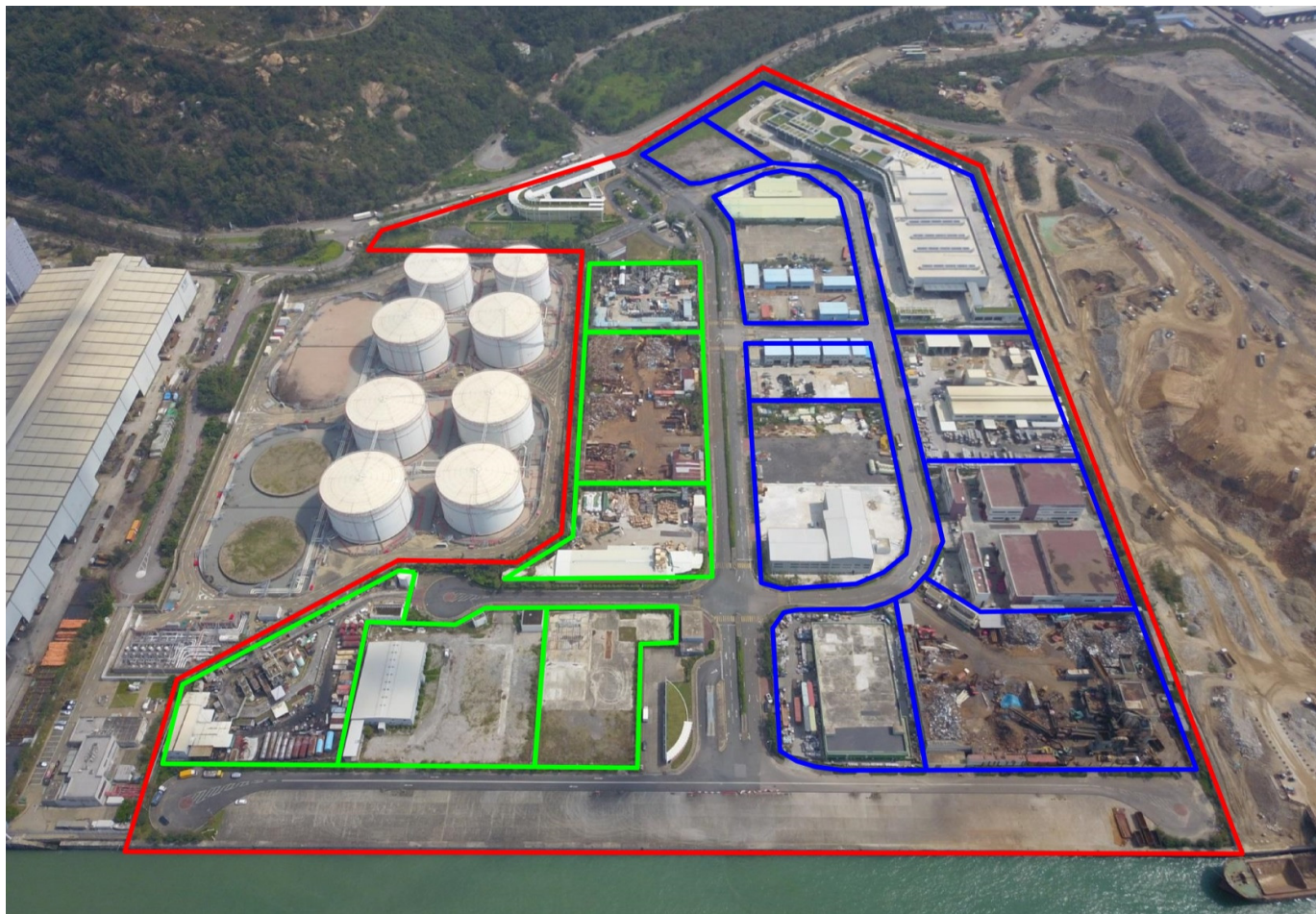
1.3.1 Key personnel and contact particulars are summarised in *Table 1.1*.

*Table 1.1 EM&A Personnel Contact Details*

Position	Name	Email Address	Phone No.
<i>Project Proponent – EPD</i>			
Principal EPO	Mr. Andy CHAN	andychan@epd.gov.hk	2872 1720
<i>Operator – UPML</i>			
Project Manager	Ms. Raindy YIP	raindy.py.yip@urban.com.hk	2212 5900
Park Manager	Ms. May WU	may.sm.wu@urban.com.hk	2212 5920
<i>IEC – Ove Arup</i>			
IEC	Mr. Sam TSOI	sam.tsoi@arup.com	2268 3208
<i>ET – AEC</i>			
ET Leader	Ir. Dr. James WONG	jw@aechk.com	2815 7028

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

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



Site Boundary



Phase 1 Tenants



Phase 2 Tenants

Figure 1-2 Organisation Chart of UPML

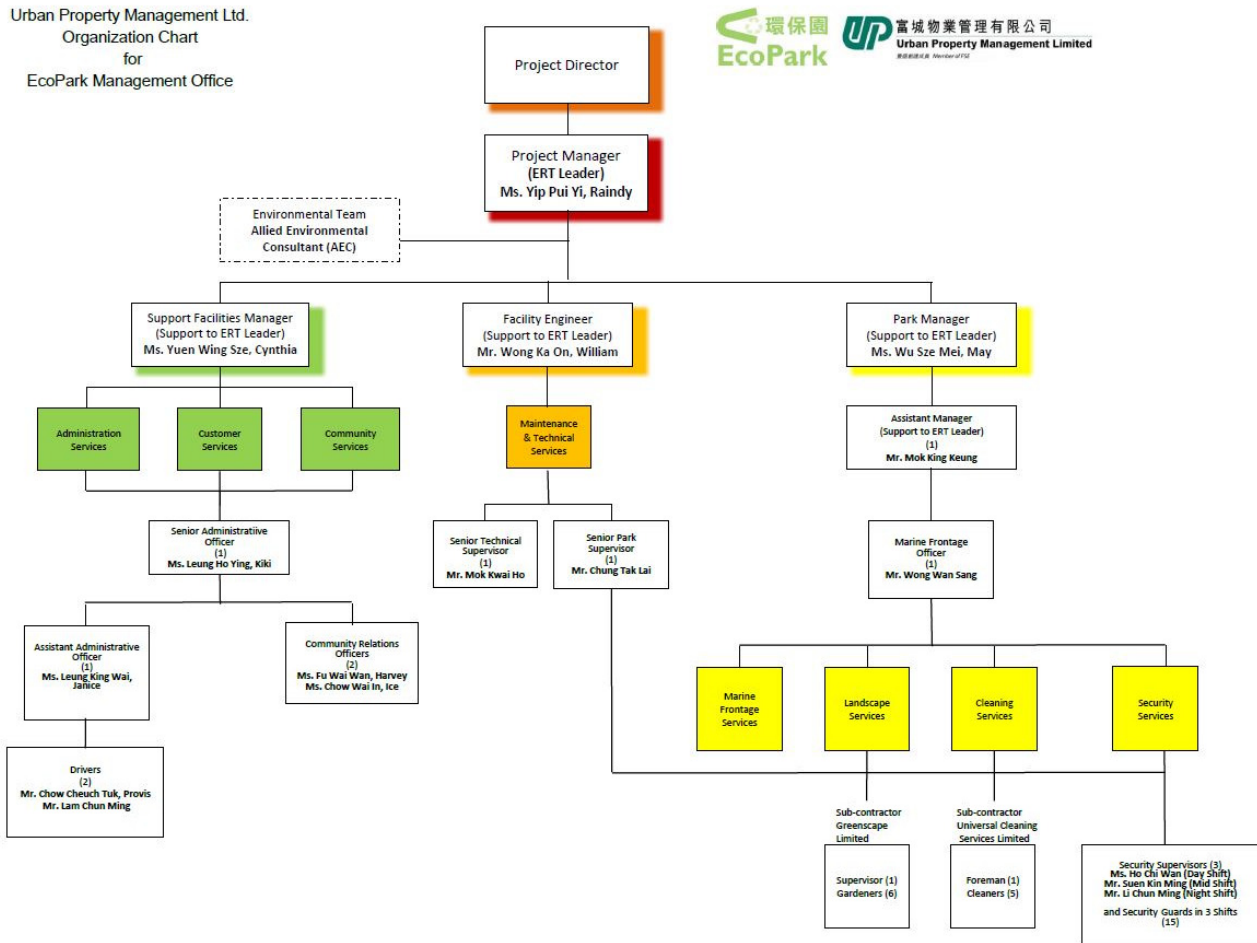
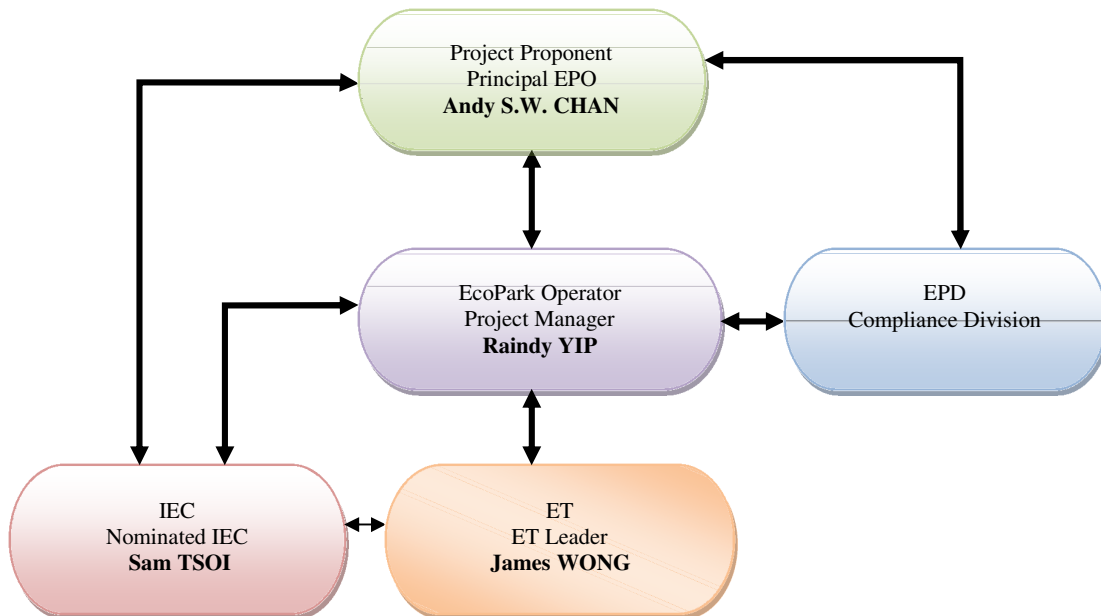


Figure 1-3 Organisation Chart of EM&A Works (Operation)



## 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

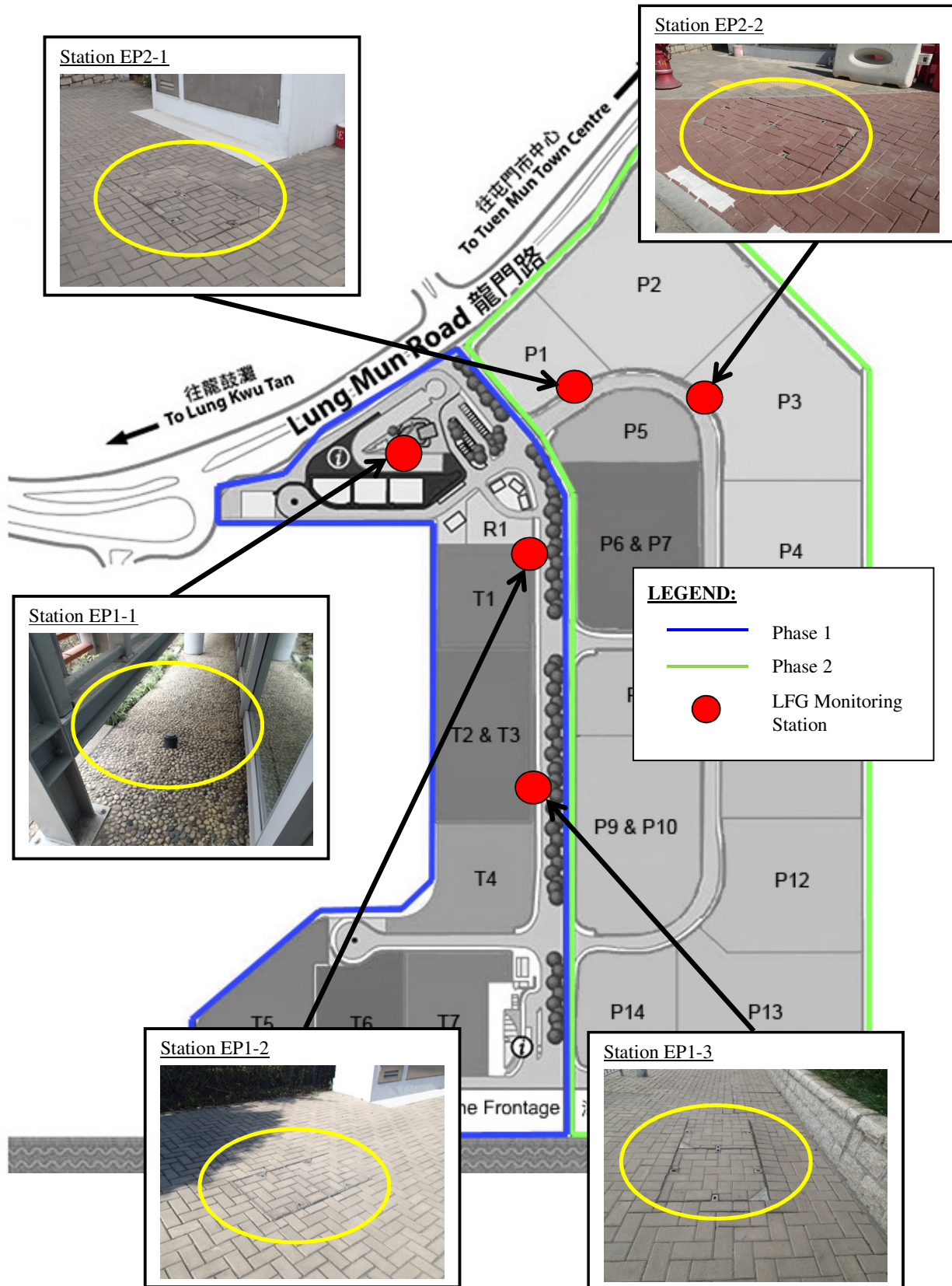
## 2.4 Environmental Mitigation Measures

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, operator and Shiu Wing are provided from *Sections 3.2* to *3.10*.

3.1.2 In the reporting quarter:

- Baguio carries out hoarding works;
- HKBRC completed plant construction for 1<sup>st</sup> Phase of its plant in May 2019 and machinery installation is in progress; and
- Tenancy of Shiu Wing expired on 15<sup>th</sup> June 2019. Possession of Lot T2&T3 has been passed to 3R on 16<sup>th</sup> June 2019

#### 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 sampling for effluent arising from producing biodiesel has been conducted to comply with the requirement of effluent discharge licence.

#### 3.3 Shiu Wing Steel Limited

- **Lot No.:** T2, T3 (Phase 1)
- **Lot Size:** Approx. 9,500m<sup>2</sup>
- **Activity:** Recycling of Waste Metals
- **Recycling Process:** Turn waste metals into light ferrous scrap and heavy ferrous scrap by sorting, baling and shearing.

3.3.1 In this reporting quarter, no recycling operation was conducted. Meanwhile, tenancy of Shiu Wing expired on 15<sup>th</sup> June 2019.

#### 3.4 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.

3.4.1 In this reporting quarter, waste wood was recycled. Lot T7 was temporarily used for storage of the recycled wooden product pending for delivery.

### **3.5 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

3.5.1 In this reporting quarter, waste plastics were recycled.

### **3.6 Chung Yue Steel Group Company Limited**

- **Lot No.:** P13 (Phase 2)
- **Lot Size:** Approx. 100,000 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.

3.6.1 In this reporting quarter, waste metals were recycled.

### **3.7 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 Glasses
- **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.

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

### **3.8 South China Reborn Resources (Zhongshan) Company Ltd.**

- **Lot No.:** P12 (Phase 2)
- **Lot Size:** Approx. 9,000 m<sup>2</sup>
- **Activity:** Recycling of Organic Waste (Food Waste)

- **Recycling Process:** Food waste will be segregated. The recyclable portion will undergo deodorisation, dewatering, shredding, fermentation and drying to produce high protein animal feed for livestock farming and aquaculture.

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

### 3.9 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.

3.9.1 In this reporting quarter, WEEE was recycled.

### 3.10 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.

3.10.1 In this reporting quarter, waste rubber tyres were 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 (tonnes)	Product Output <sup>(4)</sup> (tonnes)	Waste Disposed <sup>(4)</sup> (tonnes)
Waste Organic Food	1258	1144	175
Waste Ferrous Metals	24,344	25,390	145
Waste Wood	220	391	-
Waste Electronics	4,482	4,009	463
Waste Plastics	203	37	-
Construction Waste	799	6,981	3
Waste Glass	324		
Waste Rubber Tyres	104	50	-

**Notes:**

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

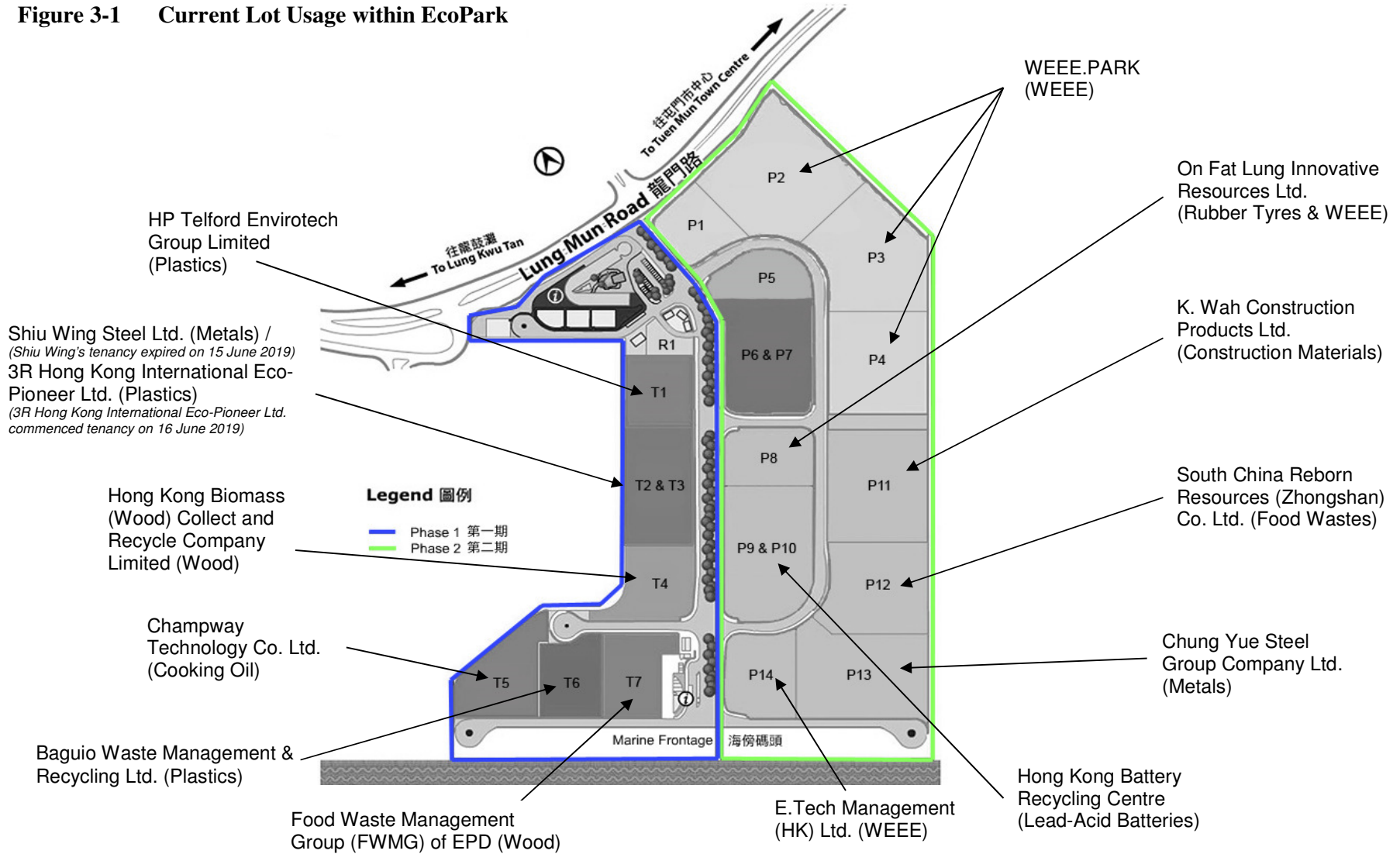
3.11.3 Detailed throughput figures of the reporting quarter are provided in **Appendix 3.1**. Updated throughput figures of the previous months are provided in **Appendix 3.2**.

### 3.12 Process Review

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

3.12.2 Since 2008, twenty four process reviews and three DAs had been approved. Among those, sixteen process reviews and three DAs are related to the current recycling processes in EcoPark as of June 2019. In the reporting period, one process review for Food Waste Management Group (FWMG) of EPD was approved. Full set of the completed PRCs and DAs are submitted separately to relevant authorities in EPD.

Figure 3-1 Current Lot Usage within EcoPark



## 4 IMPLEMENTATION STATUS OF ENVIRONMENTAL PROTECTION MEASURES

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

## 5 MONITORING RESULTS

### 5.1 Monitoring Date, Time, Frequency and Duration

5.1.1 As described in *Section 2.1*, operational LFG monitoring is conducted quarterly at five monitoring locations, three in Phase 1 and two in Phase 2. In this reporting quarter, monitoring was undertaken on 17<sup>th</sup> June 2019. Monitoring details are shown *Table 5.1* below.

**Table 5.1 Sampling Schedule for the Quarterly LFG Monitoring**

Station ID	Sampling Date	Time	Duration	Ambient Air Temp.	Weather
EP1-1	17 <sup>th</sup> June 2019	09:43 – 09:45	2 minutes	29°C	Fine
EP1-2		10:05 – 10:07	2 minutes	29°C	Fine
EP1-3		10:00 – 10:02	2 minutes	29°C	Fine
EP2-1		09:48 – 09:50	2 minutes	29°C	Fine
EP2-2		09:51 – 09:53	2 minutes	29°C	Fine

### 5.2 Monitoring Methodology, Parameters and Equipment

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

**Table 5.2 Parameters and Measurement Ranges for LFG Monitoring**

Parameters	Measurement Ranges
Methane (CH <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. Where possible, comply with BS 6020 and be approved by BASEEFA as intrinsically safe, suitable for use in a Zone 2 are to BS 5345;
2. Be capable of continuous monitoring of methane, oxygen and carbon dioxide;
3. Be capable of continuous barometric pressure and gas pressure measurements;
4. Normally operate in diffusion mode unless required for spot sampling, when it should be capable of operating by means of an aspirator or pump;

5. Have low battery, fault and over range indication incorporated;
6. Store monitoring data, and shall be capable of being down-loaded directly to a PC; and
7. Measure in the following ranges:
  - Methane 0 – 100% LEL & 0 - 100% v/v
  - Oxygen 0 – 25% v/v
  - Carbon dioxide 0 – 100% v/v
  - Barometric pressure mBar (absolute)

### 5.3 Results and Graphical Plots of Monitoring Parameters

- 5.3.1 One InfraRed Gas Analyser Model GA5000 (serial number G501982) was used for LFG measurements. The gas analyser is calibrated every 6 months. *Appendix 4* presents the calibration records of the monitoring equipment.
- 5.3.2 LFG monitoring results are summarised in *Table 5.3* and compared with the Action and Limit Levels tabulated in *Table 2.2*. Graphical plots of the monitoring results are also provided in *Appendix 5*.

*Table 5.3 Quarterly LFG Monitoring Results in the Reporting Quarter*

Station ID	Sampling Date	Monitoring Results				
		Methane (% v/v)	Methane (% LEL)	Oxygen (% v/v)	Carbon Dioxide (% v/v)	Barometric Pressure (mBar)
EP1-1	17 <sup>th</sup> June 2019	0.1	2	20.0	0.5	1010
EP1-2		0.0	0	19.6	0.0	1010
EP1-3		0.0	0	19.7	0.0	1010
EP2-1		0.1	2	20.3	0.0	1010
EP2-2		0.0	0	19.3	0.6	1010

- 5.3.3 Exceedance of Action Level was recorded at Stations EP2-2 in the reporting quarter. The status of exceedance are summarised as below:

Station ID	Parameter	Recorded Level	Action Level	Limit Level	Status
EP2-2	CO <sub>2</sub> (% v/v)	0.6%	> 0.5%	> 1.5%	Exceedance of Action Level

- 5.3.4 Upon record of exceedance, investigation was carried out immediately with representatives from the Operator and IEC, the cover of the underground chamber at EP2-2 was opened for investigation. No apparent source of CO<sub>2</sub> generation was observed during the investigation. With reference to similar exceedance events occurred previously, it is suspected that organic matters entered the underground chambers/pipes during rainy



events (e.g. in previous weeks before measurements) and accumulated inside the underground utilities, where microbial activity occurred and eventually increased CO<sub>2</sub> generation within the chamber/pipes during the decomposition of organic matter.

- 5.3.5 In accordance with the Event Action Plan for LFG specified in **Table 2.2**, ventilation enhancement was carried out to restore the concentration of CO<sub>2</sub>. Measurement is conducted after the ventilation enhancement to confirm the restoration of CO<sub>2</sub> concentration to non-exceedance level (i.e. 0.0% v/v).
- 5.3.6 No exceedance of any parameter was recorded at other monitoring stations. Only mild CH<sub>4</sub> was recorded (i.e. 0.1% v/v) at monitoring station EP1-1 and EP2-1.
- 5.3.7 As advised by the Operator, no underground work was being carried out within EcoPark on the monitoring day or before. Based on the above findings, the exceedance of CO<sub>2</sub> is not anticipated to impose any adverse impact on staffs/workers/environment in EcoPark. Nonetheless, the Operator is reminded to ensure adequate ventilation in indoor environment. In accordance with the proposed mitigation from previous exceedance events, the Operator will continue to implement the cleaning programme of underground chambers for wet season.
- 5.3.8 The LFG level will be checked during the next quarterly LFG monitoring in September 2019.

## 6 SUMMARY OF ENVIRONMENTAL AUDIT

### 6.1 General

- 6.1.1 In the reporting quarter, WEEE.PARK and eight active tenants were under full operation.
- 6.1.2 Environmental audits based on the approved site inspection checklist were carried out by the Operator and the ET on 29<sup>th</sup> April, 23<sup>rd</sup> May and 17<sup>th</sup> June 2019. IEC random site audits were also carried out on 29<sup>th</sup> April and 17<sup>th</sup> June 2019. A quarterly joint site inspection was carried out by the Operator, the IEC and the ET on 23<sup>rd</sup> May 2019. The completed audit checklists for tenants are provided in *Appendix 6*.

### 6.2 Champway Technology Limited

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

*Table 6.1 Environmental Audit Findings for Champway*

Date	Item	Comment	Status
<i>Observations From Previous Reporting Quarters</i>			
15 Mar 2017	The temporary storage area for containers was not provided with permeation-proof floor. As advised by the tenant, the area was used as temporary storage and the containers would be gradually removed from the concerned area.	The tenant was reminded to implement sufficient preventive measures to avoid any accidental spillage during material transfer.	As observed during the site inspection on 29 Apr 2019, the concrete paving work for providing permeation-proof floor was completed.
19 Mar 2019	Leakage of grease from the grease waste filtration system was observed during inspection. The leaked materials were contained within the works area without overflowing into the perimeter drainage.	The tenant was requested to clean up the leaked grease. Sufficient preventive measures should be implemented by the tenant to prevent any leakage during operation.	As observed during the site inspection on 29 Apr 2019, the tenant has cleared the leaked grease under the filter press system.
19 Mar 2019	No labelling is provided to the chemical waste and chemical waste storage area, which should also be provided with adequate ventilation.	The tenant should review relevant requirements stipulated in the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes and	As observed on 17 Jun 2019, the chemical waste label is not being stuck to the correct position. The tenant was requested to attach the chemical waste label

Date	Item	Comment	Status
		provide proper labelling to the chemical waste and chemical waste storage area with adequate ventilation.	directly on the chemical waste container instead of sticking to the contained plastic box. The tenant was also reminded to relocate the chemical waste to the new designated chemical waste storage area at the northern part of the lot. The condition will be followed-up in the next audit in July 2019.
<i>Observations From This Reporting Quarter</i>			
29 Apr 2019	No new critical issue was identified.		
23 May 2019	No new critical issue was identified.		
17 June 2019	No new critical issue was identified.		

### 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 6.3**.

**Table 6.2 Environmental Audit Findings for HK Biomass**

Date	Item	Comment	Status
<i>Observations From Previous Reporting Quarters</i>			
None			
<i>Observations From This Reporting Quarter</i>			
29 Apr 2019	No new critical issue was identified.		
23 May 2019	No new critical issue was identified.		
17 Jun 2019	No new critical issue was identified.		

### 6.4 HP Telford Envirotech Group Limited

6.4.1 Audit observations from previous reporting quarters and this reporting quarter are summarised in **Table 6.3** below. The completed checklists for HP Telford are given in **Appendix 6.4**.

**Table 6.3 Environmental Audit Findings for HP Telford**

Date	Item	Comment	Status
<i>Observations From Previous Reporting Quarters</i>			
None			

Date	Item	Comment	Status
<i>Observations From This Reporting Quarter</i>			
29 Apr 2019		No new critical issue was identified.	
23 May 2019		No new critical issue was identified.	
17 Jun 2019		No new critical issue was identified.	

## 6.5 Chung Yue Steel Group Company Limited

- 6.5.1 Audit observations from previous reporting quarters and this reporting quarter are summarised in **Table 6.4** below. The completed checklists for Chung Yue are given in **Appendix 6.5**.

**Table 6.4 Environmental Audit Findings for Chung Yue**

Date	Item	Comment	Status
<i>Observations From Previous Reporting Quarters</i>			
None			
<i>Observations From This Reporting Quarter</i>			
29 Apr 2019		No new critical issue was identified.	
23 May 2019		No new critical issue was identified.	
17 Jun 2019		No new critical issue was identified.	

## 6.6 K.Wah Construction Products Limited

- 6.6.1 Audit observations from previous reporting quarters and this reporting quarter are summarised in **Table 6.5** below. The completed checklists for K.Wah are given in **Appendix 6.6**.

**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>			
29 Apr 2019		No new critical issue was identified.	
23 May 2019		No new critical issue was identified.	
17 Jun 2019		No new critical issue was identified.	

## 6.7 South China Reborn Resources (Zhongshan) Company Limited.

- 6.7.1 Audit observations from previous reporting quarters and this reporting quarter are summarised in **Table 6.6** below. The completed checklists for South China are given in **Appendix 6.7**.

**Table 6.6 Environmental Audit Findings for South China**

Date	Item	Comment	Status
<i>Observations From Previous Reporting Quarters</i>			
19 Mar 2019	Suspected leaked oil was observed in the stormwater manhole at the southeast corner of the lot.	The tenant was reminded to clear the suspected leaked oil and investigated the source.	As observed on 29 Apr 2019, the tenant has cleared the suspected leaked oil. No abnormality was observed in the stormwater manhole at the southeast corner of the lot.
<i>Observations From This Reporting Quarter</i>			
29 Apr 2019	No new critical issue was identified.		
23 May 2019	Oil stain was observed underneath a trailer at the Eastern Lot Boundary and leaked into the perimeter drain.	The tenant was requested to clean up the oil stain and contain any oil spillage to avoid contamination to the ground and surrounding environment.	As observed on 17 Jun 2019, Oil stain underneath a trailer at the Eastern Lot Boundary was partly cleaned and no further leakage was drained into the perimeter drain. The tenant was reminded to completely clean up the remaining stain and provide impervious sheeting underneath the trailer to avoid contamination to the ground and surrounding environment. The condition will be followed-up in the next audit in July 2019.
17 Jun 2019	No new critical issue was identified.		

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

- 6.8.1 Audit observations from previous reporting quarters and this reporting quarter are summarised in **Table 6.7** below. The completed checklists for E.Tech are given in **Appendix 6.8**.

**Table 6.7 Environmental Audit Findings for E.Tech**

Date	Item	Comment	Status
<i>Observations From Previous Reporting Quarters</i>			
19 Mar 2019	The signage of Chemical Waste Storage Area does not meet the requirements	The tenant was reminded to rectify the signage and review the Code, in particular	As observed on 29 Apr 2019, the tenant has provided proper signage for the Chemical Waste

Date	Item	Comment	Status
	stipulated in the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes.	section 5.2 for complying the stipulated requirement.	Storage Area.
<i>Observations From This Reporting Quarter</i>			
29 Apr 2019	No new critical issue was identified.		
23 May 2019	No new critical issue was identified.		
17 Jun 2019	No new critical issue was identified.		

## 6.9 WEEE.PARK

6.9.1 Audit observations from this reporting quarter are summarised in *Table 6.8* below. The completed checklists for WEEE.PARK are given in *Appendix 6.9*.

**Table 6.8 Environmental Audit Findings for WEEE.PARK**

Date	Item	Comment	Status
<i>Observations From Previous Reporting Quarters</i>			
None			
<i>Observations From This Reporting Quarter</i>			
29 Apr 2019	No new critical issue was identified.		
23 May 2019	No new critical issue was identified.		
17 Jun 2019	No new critical issue was identified.		

## 6.10 On Fat Lung Innovative Resources Limited

6.10.1 Audit observations from this reporting quarter are summarised in *Table 6.9* below. The completed checklists for On Fat Lung are given in *Appendix 6.10*.

**Table 6.9 Environmental Audit Findings for On Fat Lung**

Date	Item	Comment	Status
<i>Observations From Previous Reporting Quarters</i>			
19 Mar 2019	Rubbish was observed in the perimeter drain along the Southwestern boundary of the lot.	The tenant was reminded to clear the rubbish in the perimeter drain to prevent blockage.	As observed on 29 Apr 2019, rubbish in the perimeter drain along the southwestern boundary of the lot had been cleared by the tenant.
<i>Observations From This Reporting Quarter</i>			
29 Apr 2019	Stockpile of earth material was exposed.	The tenant was reminded to provide suitable measures to prevent potential dust dispersal.	As observed on 23 May 2019, the stockpile of earth material was provided with tarpaulin to prevent potential dust generation.

Date	Item	Comment	Status
23 May 2019	No new critical issue was identified.		
17 Jun 2019	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 6.11**.

**Table 6.10 General EcoPark Audit Findings**

Date	Item	Comment	Status
<i>Observations From Previous Reporting Quarters</i>			
17 Feb 2017	The tenant HKBRC was requested to provide hoarding of not less than 2.4m where site boundary adjoins road or service lane according to Clause 13(c) of the Schedule of Air Pollution Control (Construction Dust) Regulation.	(Same as the item)	As the plant construction of HKBRC for 1 <sup>st</sup> Phase was completed in May 2019, this item is no longer applicable.
30 Nov 2017	Open stockpile of dusty materials was observed in the lot of HKBRC.	The tenant should cover the stockpile with impervious sheet to avoid potential dust dispersal.	As the plant construction of HKBRC for 1 <sup>st</sup> Phase was completed in May 2019, this item is no longer applicable.
19 Apr 2018	During site inspection, no wastewater treatment facility was provided for collection of construction wastewater in the lot of HKBRC.	The tenant should apply for a Discharge License under Water Pollution Control Ordinance (WPCO) and establish a construction site drainage system, including provision of wastewater treatment facilities to ensure wastewater is treated effectively prior to discharge and compliance with WPCO.	As the plant construction of HKBRC for 1 <sup>st</sup> Phase was completed in May 2019, this item is no longer applicable.
<i>Observations From This Reporting Quarter</i>			
29 Apr 2019	No new critical issue was identified.		
23 May 2019	No new critical issue was identified.		
17 Jun 2019	No new critical issue was identified.		

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

### **7.1 Follow-up on Previous Environmental Complaint**

#### *Wastewater Treatment at South China received on 26<sup>th</sup> October 2016*

- 7.1.1 Flow meters were installed at various points of the wastewater treatment system, e.g. incoming pipe for the storage tank at 3/F, the outgoing pipe of the treatment tank for recycling, the wastewater collection pipes for washing area at G/F, etc. The flow data was recorded to monitor the quantity of wastewater generated from different areas. During this reporting quarter, no discharge of wastewater was recorded based on the flow data record inspected. Prior to the proper functioning of the wastewater treatment plant (WTP), the wastewater was collected and transported to designated treatment facility by a licenced collector as a temporary measure.
- 7.1.2 Upgrade of the WTP is proposed by the tenant to introduce additional treatment process. The proposal is being updated by the tenant and would be submitted for further review.
- 7.1.3 The case will be followed up in the next reporting period to ensure the wastewater treatment system will function properly for handling of the wastewater. The tenant was reminded that no wastewater shall be discharged until the testing of treatment system is completed with the discharge quality in full compliance with the discharge licence.

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

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



## 8 CONCLUSIONS

- 8.1.1 This is the forty-ninth (49<sup>th</sup>) quarterly EM&A report prepared for the operation phase of EcoPark and covers the reporting quarter from April to June 2019. The recycling activities are audited on a monthly basis and the results are summarised in this report. In the reporting quarter, there were eleven tenants in EcoPark Phase 1 and Phase 2 and one operator of WEEE.PARK in EcoPark Phase 2.
- 8.1.2 The ET has conducted monthly site inspections while the IEC has carried out full site inspection on quarterly basis and random site audits on monthly basis, and some general observations have been made. The approved checklist has been used in the monthly site inspections for various tenants.
- 8.1.3 The throughputs of WEEE.PARK and the eight active tenants in the reporting quarter are summarised in **Table 8.1**. Please note that product output plus waste disposal do not necessarily equal the waste input, due to material losses during processing and material retained within the lots.

**Table 8.1 Throughput Statistics for the Reporting Quarter**

Material Type	Waste Input (tonnes)	Product Output <sup>(4)</sup> (tonnes)	Waste Disposed <sup>(4)</sup> (tonnes)
Waste Organic Food	1258	1144	175
Waste Ferrous Metals	24,344	25,390	145
Waste Wood	220	391	-
Waste Electronics	4,482	4,009	463
Waste Plastics	203	37	-
Construction Waste	799	6,981	3
Waste Glass	324		
Waste Rubber Tyres	104	50	-

**Notes:**

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

- 8.1.4 LFG monitoring during the reporting quarter was undertaken on 17<sup>th</sup> June 2019 at five locations (three in Phase 1 and two in Phase 2). Exceedance of Action Level was recorded at Stations EP2-2 in the reporting quarter and are summarised in the table below.

Station ID	Parameter	Recorded Level	Action Level	Limit Level	Status
EP2-2	Carbon Dioxide (% v/v)	0.6%	> 0.5%	> 1.5%	Exceedance of Action Level

- 8.1.5 No apparent source of CO<sub>2</sub> generation was observed during the investigation. Ventilation enhancement was carried out in accordance with the Event Action Plan for LFG to restore the concentration of CO<sub>2</sub> to non-exceedance level. Measurement was conducted after the ventilation enhancement to confirm the restoration of CO<sub>2</sub> concentration to non-exceedance level (i.e. 0.0% v/v). With reference to similar exceedance events occurred previously, it is suspected that organic matters entered the underground chambers/pipes during rainy events (e.g. in previous weeks before measurement) and accumulated inside the underground utilities, where microbial activity occurred and eventually increased CO<sub>2</sub> generation within the chamber/pipes during the decomposition of organic matter. Only mild CH<sub>4</sub> was recorded (i.e. 0.1% v/v) at monitoring station EP1-1 and EP2-1. As confirmed by the Operator, no underground work was being carried out in EcoPark on the monitoring day or before. Based on the above findings, the exceedance of CO<sub>2</sub> is not anticipated to impose any adverse impact on staffs/workers/environment in EcoPark. Nonetheless, the Operator will continue to implement the cleaning programme of underground chambers for wet season. The LFG level will be checked during the next quarterly LFG monitoring in September 2019.
- 8.1.6 Numbers of complaints, summons and successful prosecutions in the reporting quarter are summarised below:
- **Complaints:** Zero.
  - **Summons:** Zero.
  - **Successful Prosecutions:** Zero.
- 8.1.7 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
<i>General</i>					
5.5.23 to 5.5.25, 10.2.24 & 10.2.37	4.2.5 to 4.2.8	The Operator shall develop and implement an Emergency Response Plan (ERP) that lists the procedures to be followed in case of fire, fuel or chemical spillage or other emergency within the EcoPark.	Throughout the duration of the operation.	Operator	
12.2	7.2	No process shall be allowed to operate within EcoPark without approval from WFBU. Approval will be based on the ten-step Process Review, which may include a Design Audit if deemed to be necessary.	Throughout the duration of the operation.	ET IEC Project Proponent	
	8.1.2	All reports (including Process Review Checklists and any Design Audits) shall be prepared and certified by the ET, verified by the IEC and approved by the Project Proponent.	Throughout the duration of construction works until construction is substantially completed. Throughout the duration of the operation.	ET IEC Project Proponent	
12.3	7.3	The Operator shall prepare and implement an Environmental Management Plan (EMP) to define mechanisms for achieving the environmental requirements specified in the EIA, EP and in statutory regulations.	Throughout the duration of the operation.	Operator	
<i>Air Quality</i>					
13.2		The Operator shall ensure that EcoPark “base case” assumptions for air quality shown in Table 13.1 of the Final EIA Report are met by tenants, as a whole.	Throughout the duration of the operation.	Operator	Table 13.1 of the Final EIA Report
<i>Water Quality</i>					
5.4.11 & 5.6.7		To minimise the chance of accidental spillage during loading and unloading, and thereby reduce marine water quality impacts, well established cargo handling guidelines should be followed.	Adjacent to EcoPark marine frontage when loading or unloading goods.	Operator Operators of bulk carriers	Sections 5 & 6 of IMO Code of Practice for the Safe Loading/ Unloading of Bulk Carriers

EIA Ref.	EM&A Ref.	Environmental Protection Measures Identified in the Implementation Schedule that are Applicable to the Operation Phase of EcoPark	Location / Duration of Measures / Timing of Completion of Measures	Implementation Agent	Relevant Legislation and Guidelines
5.5.19		Contaminated water collected in the surface drainage systems shall be treated at the WTF or other appropriate treatment facility.	Within EcoPark throughout the life of the facility.	Operator	
5.5.23 to 5.5.25	4.2.5 to 4.2.7	An Emergency Response Plan (ERP) will be formulated to address various accident scenarios. The ERP will be certified by the Environmental Team (ET) and verified by the Independent Environmental Checker (IEC) under the operation EM&A programme.	Within EcoPark throughout the life of the facility.	Operator	
5.6.4		For uncovered areas where recovery process identified as causing potentially high level of contamination are located, stop-logs will be installed in the perimeter drainage system to isolate contamination.	Within EcoPark throughout the life of the facility.	Operator	
	4.2.2	The ET should develop an audit checklist, with the agreement of the IEC, to ensure that each mitigation measure is implemented when appropriate and operated correctly when implemented.	Within EcoPark throughout the life of the facility.	ET with IEC	
<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	

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
6.8.21	5.2.4	Chemical wastes shall be stored in appropriate containers in a covered area. “No Smoking” signs will be clearly displayed to prevent accidental ignition of flammable materials. Drip trays capable of storing 110% of the volume of the largest container will be used to mitigate possible leakage.	Within EcoPark throughout the life of the facility.	Operator	Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes
	5.2.3 & 5.2.5	The ET should develop an audit checklist, with the agreement of the IEC, to ensure that each mitigation measure is implemented when appropriate and operated correctly when implemented.	Within EcoPark throughout the life of the facility.	ET with IEC	
6.8.7	5.2.4	The Operator should register with EPD as a chemical waste producer.	Within EcoPark throughout the life of the facility.	Operator	Waste Disposal (Chemical Waste) (General) Regulation
<i>Prevention of Contaminated Land</i>					
7.3.1	5.3.2	Any spillages of contaminating material shall be cleaned up immediately through the use of an absorbent. Any such used material should then be considered chemical waste and disposed of appropriately.	Within EcoPark throughout the life of the facility.	Operator	
7.3.3		Any areas within the lot to be used for recycling processes shall be concrete paved before recycling activities commence.	Within EcoPark throughout the life of the facility.	Operator	
7.3.5	5.3.2	During operation, the greatest risk of land contamination will come from storage of chemical wastes, therefore the measures should be followed : <ul style="list-style-type: none"> <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</li> </ul>	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
		<p>accordance with the Regulation. Disposal of other construction waste will be undertaken by licensed contractors in accordance with applicable statutory requirements in the WDO.</p> <ul style="list-style-type: none"> <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>			
<i>Landfill Gas</i>					
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**



## **Appendix 2.1**

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### **Environmental Requirements in Tenancy Agreements (Shiu Wing)**

## GENERAL ENVIRONMENTAL RESPONSIBILITIES

- 9.1 The Tenant shall at its own cost(s) comply with and shall ensure that the Premises is used, designed, constructed, operated and maintained in accordance with:-
- (a) All relevant Ordinances, by-laws, regulations, statutory technical memorandums, codes of practice, rules, non-statutory guidance notes, schemes and abatement notices for the time being in force in Hong Kong including those relating to the environment and governing the control of any form of pollution (see specific Ordinances mentioned hereinbelow) and licensing requirements under relevant Ordinances and regulations.
  - (b) All information, mitigation measures, prohibitions, restrictions, recommendations and requirements under the Environmental Impact Assessment Report for Development of an EcoPark in Tuen Mun Area 38 with Appendices, i.e. the EIA Report (Register No.: AEIAR-086/2005) dated April 2005, the Final EM&A Manual dated April 2005, the application documents including all attachments (Application No. AEP-226/2005) and other relevant documents in the Register (or in any other places, any internet websites or by any other means as specified by the Director), including the prohibitions and mitigation measures for processes in Table 14.1 and the material throughputs, processes and remarks in Table B.1 of the EIA Report (in so far as applicable).
  - (c) All information, conditions, submissions, mitigation measures, orders, notices, requirements, prohibitions, restrictions and time limits under the Environmental Permit No. EP-226/2005 as amended by the Variation of Environmental Permit – Application No.VEP-221/2006 (including updated information about the Permit, any amended permit and any further permit) and all mitigation measures recommended and to be recommended in submissions that shall be deposited with or approved by the Director as a result of permit conditions contained in the Environmental Permit No. EP-226/2005 as amended by the Variation of Environmental Permit – Application No.VEP-221/2006 (including updated information about the Permit, any amended permit and any further permit). The Tenant shall refer to, inter alia, Conditions 4.1 to 4.14 (and Annexes A and B) and Conditions 3.7 and 3.8 (and Figures 2 and 3) of the Environmental Permit No. EP-226/2005 as amended by the Variation of Environmental Permit – Application No.VEP-221/2006 regarding measures to mitigate air quality impact, measures to mitigate hazard to life impact, measures to prevent land contamination, measures to mitigate landfill gas hazard, maintenance of landscape and visual measures (see also hereinbelow regarding Condition 5 of the Environmental Permit and specified Ordinances).
  - (d) All information, conditions, submissions, mitigation measures, orders, notices and requirements under on going surveillance and monitoring activities during all stages of the Project and during the tenancy under the Tenancy Agreement (e.g. any additional mitigation measures recommended and to be recommended under the Process Review and Design Audit (carried out and to be carried out in accordance with the EM&A Manual) for various environmental impacts including, but not limited to,

noise pollution, air quality, hazard to life, landfill gas hazard, landscape and visual measures, waste management and land contamination).

(e) All recommendations referred to in the documents of the EIAO Register which are not expressly referred to in Environmental Permit No. EP-226/2005 as amended by the Variation of Environmental Permit – Application No.VEP-221/2006 and any amended Environmental Permit (unless expressly excluded or impliedly amended in the Environmental Permit No. EP-226/2005 as amended by the Variation of Environmental Permit – Application No.VEP-221/2006 and any amended Environmental Permit).

9.2 Further to Condition Nos. 6 and 8 hereinabove, the Tenant shall at its own cost provide relevant environmental monitoring data, information, documents and assistance to the Director and/or the Environmental Protection Department and shall permit authorised representatives of the Environmental Protection Department to access, inspect, take samples and monitor the Premises and operations for the Process Review and the Design Audit carried out and/or to be carried out pursuant to Conditions 4.1 and 5 of the Environmental Permit No. EP-226/2005 as amended by the Variation of Environmental Permit – Application No.VEP-221/2006 (and any updated Permit, amended permit and further permit).

9.3 If the Tenant's operations (i.e. activities and facilities for recovery and/or recycling and/or reprocessing) are not covered by the EIA Report and/or deviate from the development parameters mentioned in inter alia the EIA Report, the Environmental Permit No. EP-226/2005 as amended by the Variation of Environmental Permit – Application No.VEP-221/2006 (including the parameters at Annex A) and/or any environmental licence (e.g. the Water Treatment Facility ("WTF") Discharge Licence), and if additional mitigation measures are not available or are not effective in the opinion of the Director, to ensure compliance with the EIA Report, the Environmental Permit No. EP-226/2005 as amended by the Variation of Environmental Permit – Application No.VEP-221/2006 (including any updated Permit, amended permit and further permit) and the relevant environmental licence(s), the Tenant shall comply with any modified parameters and/or the Tenant shall immediately modify its operations in such a way that the findings and requirements of the EIA Report, the Environmental Permit No. EP-226/2005 as amended by the Variation of Environmental Permit – Application No.VEP-221/2006 (including any updated Permit, amended permit and further permit) and the environmental licence(s) are complied with and shall immediately cease to continue the offending part of the operations or activity in question.

9.4 The Tenant shall at its own cost(s) apply for, obtain, renew, maintain and comply with all the relevant licences related to compliance with all relevant Ordinances, by-laws, regulations, statutory technical memorandums, codes of practice, rules, non-statutory guidance notes, schemes, abatement notices and the environmental permits for the time being in force in Hong Kong (including those relating to the environment and governing the control of any form of pollution). The Tenant shall obtain, renew and comply with all the said licences within the relevant time limits (in any event, within one (1) calendar month of the date of signing and/or execution of the Tenancy Agreement), shall comply with all abatement notices, orders, directions and requests of the relevant authorities and public officers and shall be responsible for paying all relevant fees, costs, fines and penalties.

- 9.5 The Tenant shall not do anything or omit to do anything which would cause, contribute to or involve a breach or potential breach by the Director relating to any of the matters mentioned in Conditions 9.1 to 9.4 hereinabove (and other Conditions hereinbelow).
- 9.6 The Tenant shall fully indemnify the Government and/or the Director for any fees, costs, damages, expenses, fines, penalties, losses and claims arising (a) out of any breach of any of the matters mentioned in inter alia Conditions 9.1 to 9.4 hereinabove (and other Conditions hereinbelow) or (b) from the use of the Premises or (c) out of any works carried out at any time during the term to or at the Premises or (d) out of anything now or during the term attached to or projecting from the Premises or (e) from any neglect or default by the Tenant or by its respective servants or agents or by any express licensee of the Tenant.

#### **SPECIFIC ENVIRONMENTAL RESPONSIBILITIES**

##### Air Pollution

10. Save with an appropriate exemption under the Air Pollution Control Ordinance (Cap. 311 of the Laws of Hong Kong) 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 of the Laws of Hong Kong)), which exists or which is imminent, without the prior written approval of the Director.
11. No alteration to the installation and method of manufacture shall be made without the prior written consent of the Director. In any event, the Tenant shall at its own cost(s) comply with, inter alia, Conditions 4.2 to 4.7 and Annex A of the Environmental Permit No. EP-226/2005 as amended by the Variation of Environmental Permit – Application No.VEP-221/2006 regarding design, installation and operation of chimney, location of fresh air intakes and use of ultra-low sulphur or other cleaner fuel(s) as agreed by the Director (and the conditions of any updated Permit, amended permit and further permit regarding measures to mitigate air quality impact), good practices and relevant provisions of the EIA Report and Final EM&A Manual.

##### Noise Pollution

12. The Tenant shall take all necessary measures as may be required by and to the satisfaction of 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 of the Laws of Hong Kong) any regulations made thereunder and any amending legislation.

13. The decision of 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.

#### Waste Management

14. 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 waste arising from recycling activities, chemical waste arising from maintenance of plant and equipment, sewage sludge (from WTF) 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 Director.
15. In any event, the Tenant shall at its own cost(s) comply with, inter alia, Conditions 4.11 and 4.12 of the Environmental Permit No. EP-226/2005 as amended by the Variation of Environmental Permit – Application No.VEP-221/2006 regarding paving all areas of the Premises with concrete/using concrete hardstanding and siting all fuel tanks and chemical storage areas on the specified sealed areas, respectively (and comply with the conditions of any updated Permit, amended permit and further permit regarding measures to prevent land contamination). The Tenant shall at its own cost(s) comply with relevant provisions of the Waste Disposal Ordinance (Cap.354 of the Laws of Hong Kong) good practices and relevant provisions of the EIA Report and Final EM&A Manual.

#### Water Pollution

16. 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 of the Laws of Hong Kong) any regulations made thereunder and any amending legislation, and is not covered by a WTF Discharge Licence issued under the Water Pollution Control Ordinance (Cap. 358 of the Laws of Hong Kong) the Tenant shall apply to the Director for a licence and comply with the terms and conditions stipulated in the licence and the WTF Discharge 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 and WTF Discharge Licence, the Tenant shall at its own cost(s) separate, collect, discharge and send all process or industrial wastewater to the WTF for treatment to 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.

17. 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 influent limits / exceeds the maximum influent criteria of the WTF (in accordance with paragraph 7.2.9 of the Final E&MA Manual). 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.
18. 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 of the Laws of Hong Kong) good practices and relevant provisions of the EIA Report and Final EM&A Manual.

#### Hazard to Life Impact

19. 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 as amended by the Variation of Environmental Permit – Application No.VEP-221/2006 (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 as amended by the Variation of Environmental Permit – Application No.VEP-221/2006 (including any updated Permit, amended permit and further permit).

#### Landfill Gas Hazard

20. 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 as amended by the Variation of Environmental Permit – Application No.VEP-221/2006 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).

#### Landscape and Visual Impacts

21. 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 as amended by the Variation of Environmental Permit – Application No.VEP-221/2006 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).

## **Appendix 2.2**

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### **Environmental Requirements in Tenancy Agreements (All Tenants except Shiu Wing)**



### **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 (tonnes)	Product Output (tonnes)	Waste Disposal (tonnes)
April 2019	699	607	57
May 2019	559	537	118
June 2019	n/a	n/a	n/a

*Table A3.1-2 Recycling of Waste Ferrous Metals*

Date	Waste Input (tonnes)	Product Output (tonnes)	Waste Disposal (tonnes)
April 2019	11,553	14,385	73
May 2019	12,791	11,005	72
June 2019	n/a	n/a	n/a

*Table A3.1-3 Recycling of Waste Wood*

Date	Waste Input (tonnes)	Product Output (tonnes)	Waste Disposal (tonnes)
April 2019	111	272	-
May 2019	109	119	-
June 2019	n/a	n/a	n/a

*Table A3.1-4 Recycling of Waste Electronics*

Date	Waste Input (tonnes)	Product Output (tonnes)	Waste Disposal (tonnes)
April 2019	2,190	1,974	215
May 2019	2,292	2,036	248
June 2019	n/a	n/a	n/a

*Table A3.1-5 Recycling of Waste Plastics*

Date	Waste Input (tonnes)	Product Output (tonnes)	Waste Disposal (tonnes)
April 2019	203	37	-
May 2019	n/a	n/a	-
June 2019	n/a	n/a	n/a

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

Date	Waste Input (tonnes)		Product Output <sup>(4)</sup> (tonnes)	Waste Disposal <sup>(4)</sup> (tonnes)
	Construction Waste	Glass		
April 2019	799	324	6,981	3
May 2019	n/a	n/a	n/a	n/a
June 2019	n/a	n/a	n/a	n/a

**Table A3.1-7 Recycling of Waste Rubber Tyres**

Date	Waste Input (tonnes)	Product Output (tonnes)	Waste Disposal (tonnes)
April 2019	n/a	n/a	n/a
May 2019	104	50	-
June 2019	n/a	n/a	n/a

**Notes:**

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

## **Appendix 3.2**

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### **Updates of Previously-Reported Material and Waste Throughputs**

*Table A3.2-1 Recycling of Waste Organic Food*

Date	Waste Input (tonnes)	Product Output (tonnes)	Waste Disposal (tonnes)
Mar 2018	796	268*	487
Oct 2018	532*	521*	100*
Nov 2018	606*	479*	173*
Dec 2018	632*	519*	136*
Jan 2019	557	473*	91*
Feb 2019	465*	477*	69*
Mar 2019	619*	693*	68*

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

Date	Waste Input (tonnes)	Product Output (tonnes)	Waste Disposal (tonnes)
Feb 2019	7,133*	11,245*	67
Mar 2019	13,754*	12,324*	68*

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

Date	Waste Input (tonnes)	Product Output (tonnes)	Waste Disposal (tonnes)
Mar 2018	63	217*	-
Sep 2018	101	150*	-
Mar 2019	504*	27*	-*

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

Date	Waste Input (tonnes)	Product Output (tonnes)	Waste Disposal (tonnes)
Jun 2018	887*	905*	122*
Dec 2018	1,635*	1,444	177
Jan 2019	2,185*	2,031	239
Feb 2019	1,737*	1,544*	176*
Mar 2019	2,327*	2,134*	208*

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

Date	Waste Input (tonnes)	Product Output (tonnes)	Waste Disposal (tonnes)
Oct 2018	263*	204*	-
Mar 2019	290*	107*	-*

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

Date	Waste Input (tonnes)		Product Output <sup>(4)</sup> (tonnes)	Waste Disposal <sup>(4)</sup> (tonnes)
	Construction Waste	Glass		
Feb 2019	0*	28*	4,724*	8*
Mar 2019	131*	205*	6,952*	97*

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

Date	Waste Input (tonnes)	Product Output (tonnes)	Waste Disposal (tonnes)
Apr 2018	46*	44*	-
Jun 2018	8	10*	-
Jan 2019	75*	47*	-*
Feb 2019	61*	52*	-*
Mar 2019	62*	70*	-*

**Notes:**

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

**Appendix 4**

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**Calibration Certificate of Infrared Gas Analyser**

## FUGRO TECHNICAL SERVICES LIMITED

Fugro Development Centre,  
5 Lok Yi Street, Tai Lam,  
Tuen Mun, N.T.,  
Hong Kong.

Tel : +852 2450 8233  
Fax : +852 2450 6138  
E-mail : mallab@fugro.com  
Website : www.fugro.com

**Materialab**

### REPORT ON CALIBRATION OF INFRA RED GAS ANALYSER

Client : Fugro Technical Services Limited

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

Sample identification : E / 084 / 2

Serial number : G501982

Test required : Calibration

Date of calibration : 14/05/2019

Next calibration date : 13/11/2019

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

#### Results :

Parameters	Standard Gas Concentration, % volume	Infra Red Gas Analyser Reading, % volume	Deviation, % volume
Methane (CH <sub>4</sub> )	1.00	1.0	0.00
Carbon dioxide (CO <sub>2</sub> )	1.00	1.8	0.8
Oxygen (O <sub>2</sub> )	16.0	15.9	- 0.1

Calibrated by : C. F. Leung

Certified by :   
Approved Signatory : Raymond K. F. Wong  
Manager - Chemistry Department

Date : 14/05/2019  
\*\* End of Report \*\*

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

This report shall not be reproduced except in full with prior written approval from the Company.

## **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	17 Jun 2019	Fine	29	9:43	9:45	0.1	2	20.0	0.5	1010	> 10	< 19	> 0.5	> 20	< 18	> 1.5	Nil
EP1-2	PCCW below-ground chamber outside Lot T1			29	10:05	10:07	0.0	0	19.6	< 0.1	1010							Nil
EP1-3	HGC Broadband below-ground chamber outside Lot T3			29	10:00	10:02	0.0	0	19.7	< 0.1	1010							Nil
EP2-1	HGC Broadband below-ground chamber outside Lot P1			29	9:48	9:50	0.1	2	20.3	< 0.1	1010							Nil
EP2-2	HGC Broadband below-ground chamber outside Lot P3			29	9:51	9:53	0.0	0	19.3	<u>0.6</u>	1010							Nil
EP2-2	HGC Broadband below-ground chamber outside Lot P3			29	9:55	9:57	0.0	0	19.9	< 0.1	1010							Re-measurement after the initial measurement to confirm the rectification of CO <sub>2</sub> exceedance to non-exceedance level after ventilation enhancement

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
18 Sep 2018	0	10	20	20.1	19	18	< 0.1	0.5	1.5	1017
13 Dec 2018	0	10	20	21.2	19	18	0.4	0.5	1.5	1029
19 Mar 2019	0	10	20	20.5	19	18	0.2	0.5	1.5	1020
17 Jun 2019	0.1	10	20	20.0	19	18	0.5	0.5	1.5	1010

**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
18 Sep 2018	0	10	20	20.0	19	18	< 0.1	0.5	1.5	1017
13 Dec 2018	0	10	20	21.1	19	18	0.1	0.5	1.5	1029
19 Mar 2019	0	10	20	20.4	19	18	< 0.1	0.5	1.5	1020
17 Jun 2019	0	10	20	19.6	19	18	< 0.1	0.5	1.5	1010

**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
18 Sep 2018	0	10	20	20.1	19	18	< 0.1	0.5	1.5	1017
13 Dec 2018	0	10	20	21.1	19	18	0.1	0.5	1.5	1029
19 Mar 2019	0	10	20	20.6	19	18	< 0.1	0.5	1.5	1020
17 Jun 2019	0	10	20	19.7	19	18	< 0.1	0.5	1.5	1010

**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
18 Sep 2018	0	10	20	20.0	19	18	< 0.1	0.5	1.5	1017
13 Dec 2018	0	10	20	20.9	19	18	0.3	0.5	1.5	1029
19 Mar 2019	0	10	20	19.9	19	18	0.6	0.5	1.5	1020
19 Mar 2019*	0	10	20	20.6	19	18	< 0.1	0.5	1.5	1020
17 Jun 2019	0.1	10	20	20.3	19	18	< 0.1	0.5	1.5	1010

**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
18 Sep 2018	0	10	20	18.9	19	18	0.2	0.5	1.5	1017
18 Sep 2018*	0	10	20	19.5	19	18	< 0.1	0.5	1.5	1017
13 Dec 2018	0	10	20	21.0	19	18	0.1	0.5	1.5	1029
19 Mar 2019	0	10	20	20.4	19	18	< 0.1	0.5	1.5	1020
17 Jun 2019	0	10	20	19.3	19	18	0.6	0.5	1.5	1010
17 Jun 2019*	0	10	20	19.9	19	18	< 0.1	0.5	1.5	1010

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

# FUGRO TECHNICAL SERVICES LIMITED

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# MaterialLab

Report No. : 183114EN191110



Page 1 of 1

## Test Report on Landfill Monitoring

### Information Supplied by Client

Client : Allied Environmental Consultants Ltd.  
Client's address : 19/F, Kwan Chart Tower, 6 Tonnochy Road,  
Wan Chai, Hong Kong  
Project : Landfill Gas Monitoring at Eco Park, Tuen Mun  
Sample description : Five samples of gas  
Sampling location : EP1-1 Inside the Landscaping area of Administration Building  
EP1-2 PCCW underground chamber outside Lot T1  
EP1-3 HGC Broadband underground chamber outside Lot T3  
EP2-1 HGC Broadband underground chamber outside Lot P1  
EP2-2 HGC Broadband underground chamber outside Lot P3  
Test required : For all locations –  
In-situ measurement of methane, carbon dioxide, oxygen and  
barometric pressure

### Laboratory Information

Date of in-situ testing : 17/06/2019  
Test method used : Measured by Infra Red Gas Analyser GA5000

### Results :

Sampling location	Sampling time	Barometric pressure, mbar	Methane		Carbon dioxide, %v/v	Oxygen, %v/v
			%v/v	%LEL		
EP1-1	09:43	1010	0.1	2	0.5	20.0
EP1-2	10:05	1010	0.0	0	<0.1	19.6
EP1-3	10:00	1010	0.0	0	<0.1	19.7
EP2-1	09:48	1010	0.1	2	<0.1	20.3
EP2-2	09:51	1010	0.0	0	0.6	19.3
*EP2-2	09:55	1010	0.0	0	<0.1	19.9

Remarks : 1. A calibration certificate of the monitoring equipment is attached for reference.  
2. A layout plan showing the sampling location is also attached for reference.  
3. \* Remeasurement after ventilation enhancement

Supervised by :                     K.F. Wong                    

Certified by : 

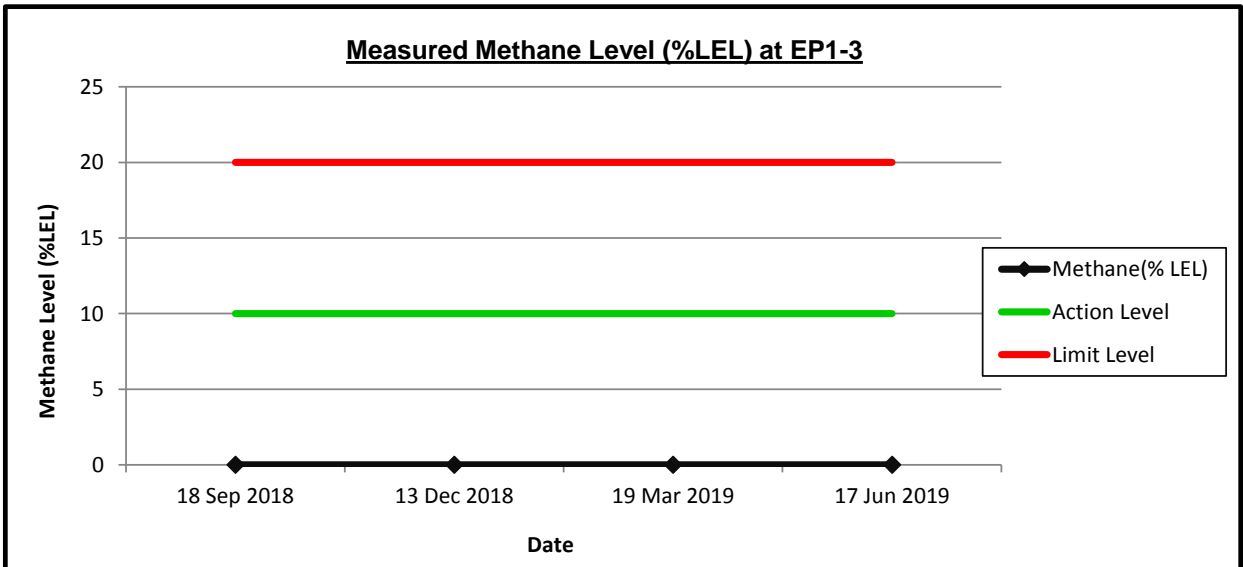
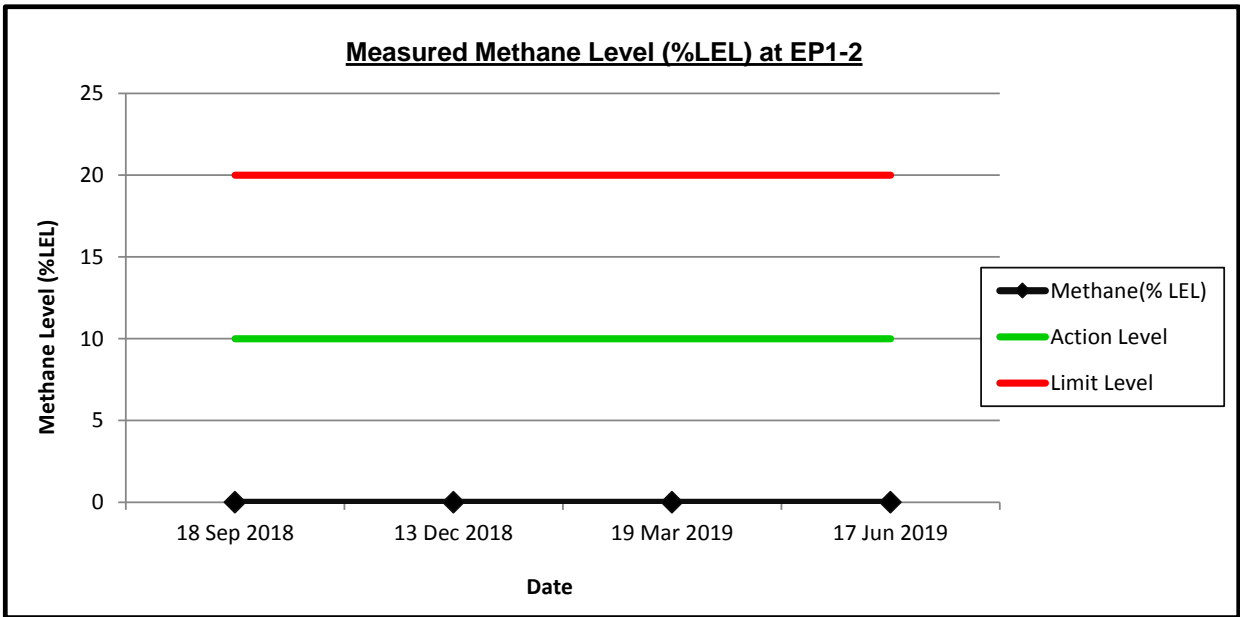
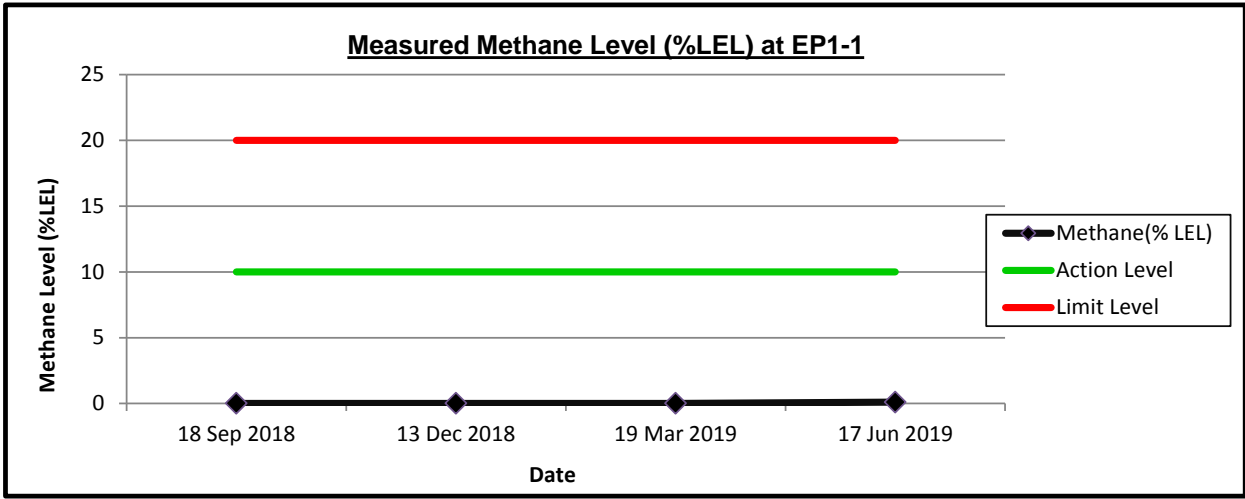
Approved Signatory : HO Kin Man, John  
Assistant General Manager – Laboratories

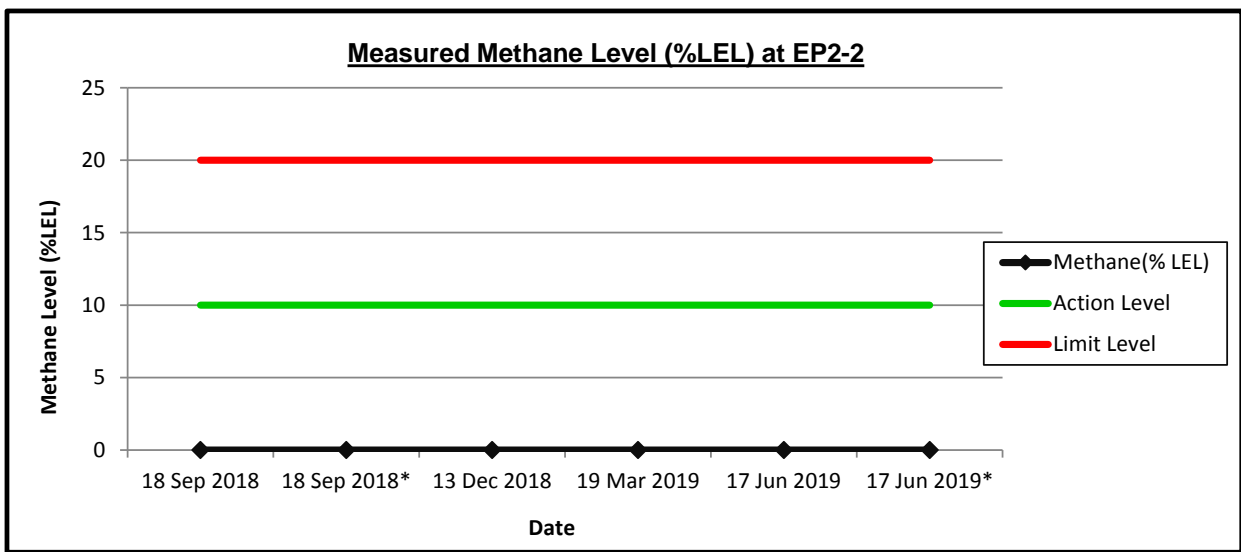
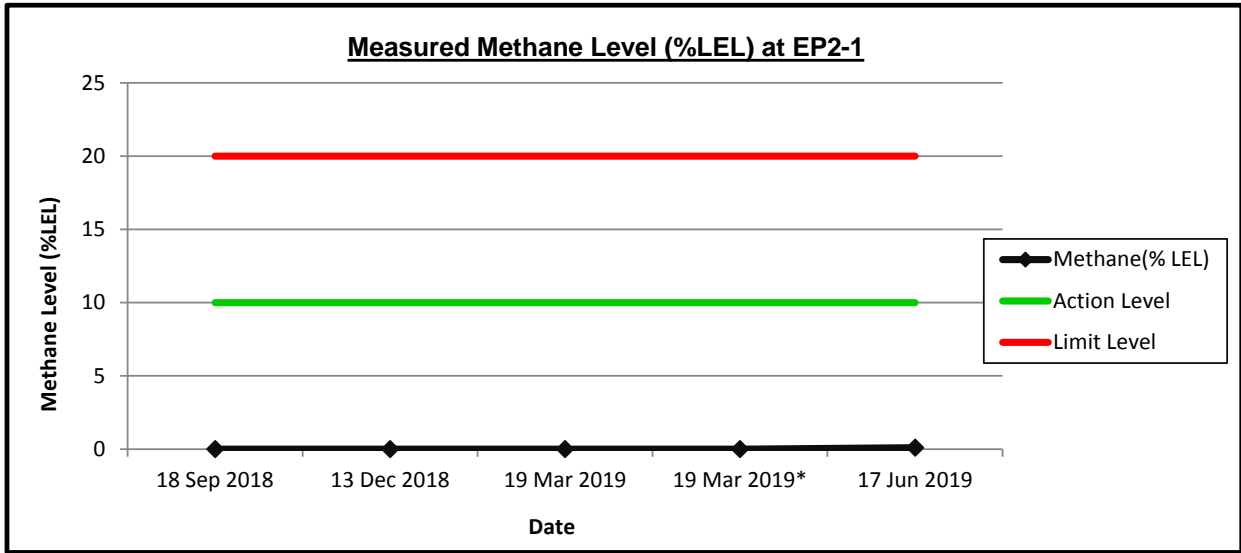
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                    28/6/2019                    

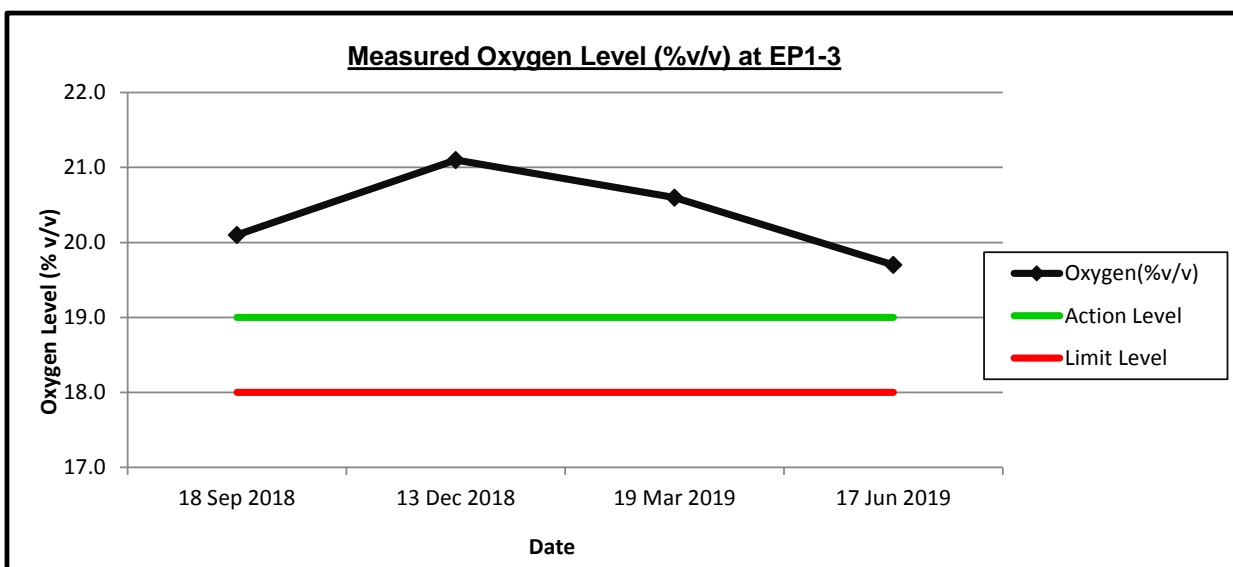
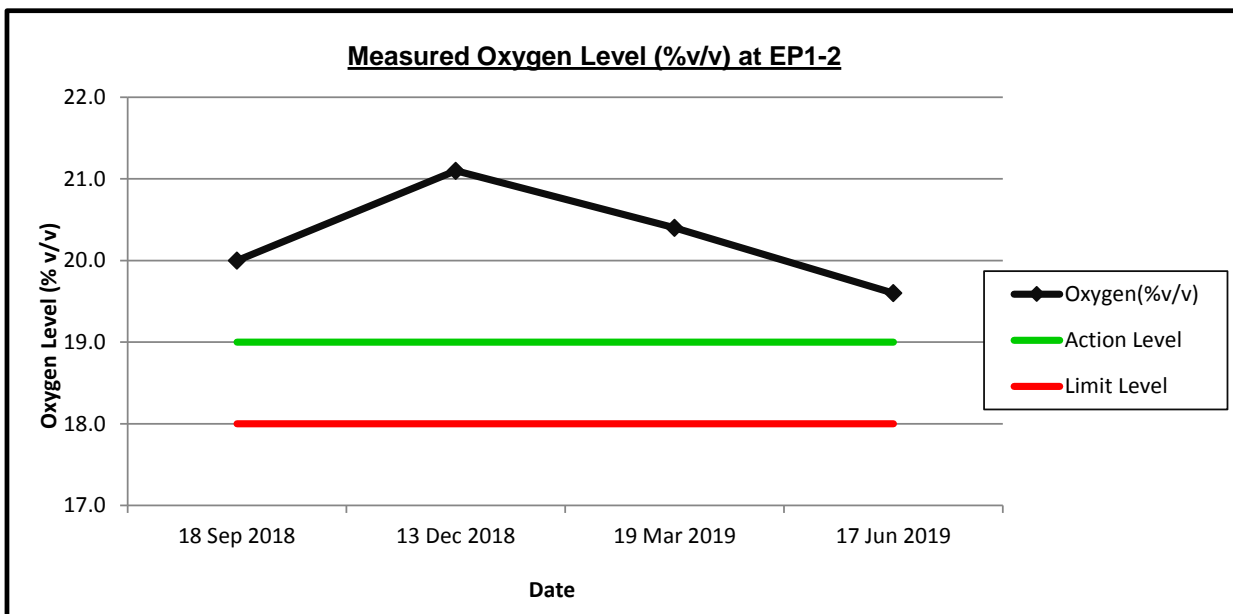
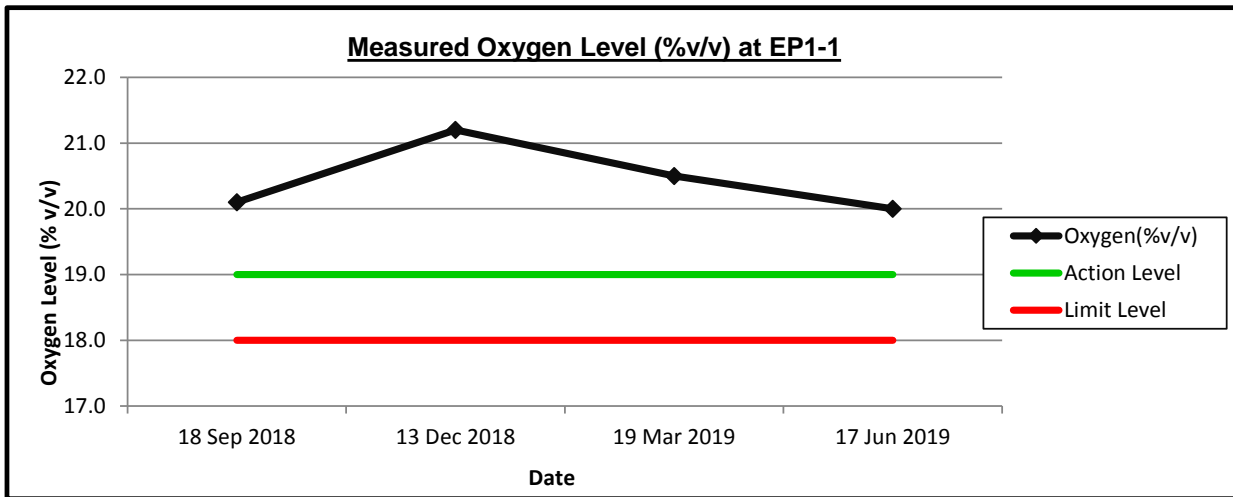
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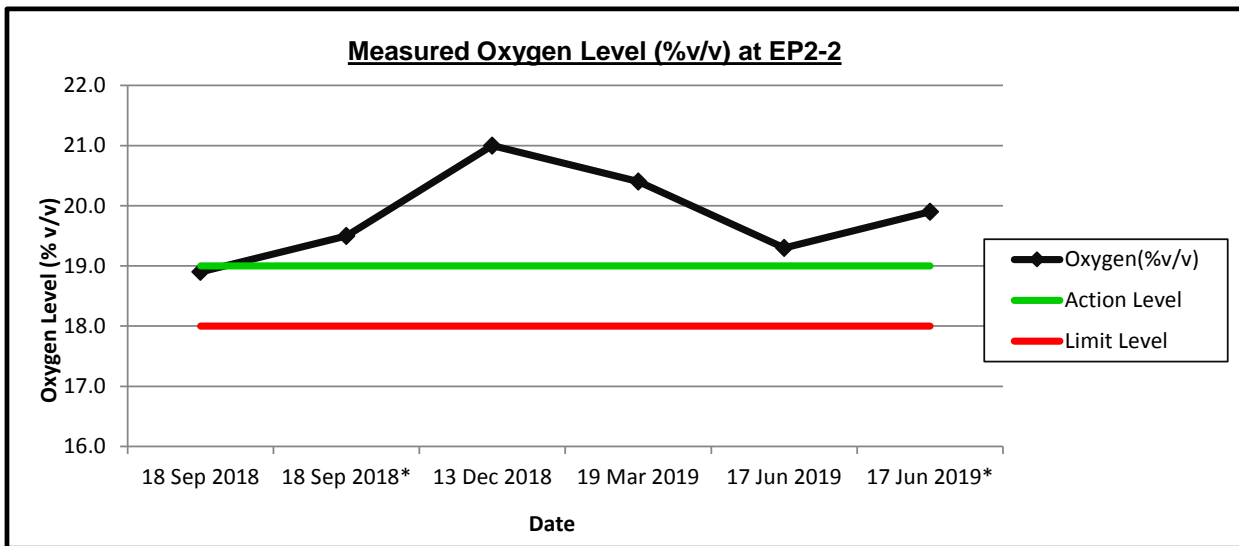
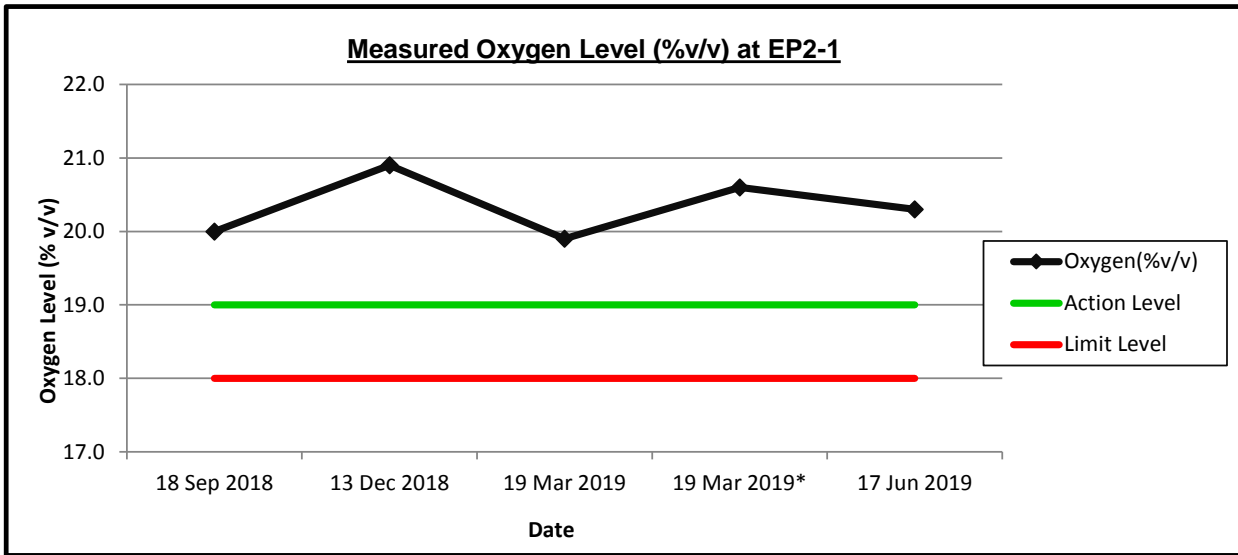
Note : This report refers only to the sample(s) tested.



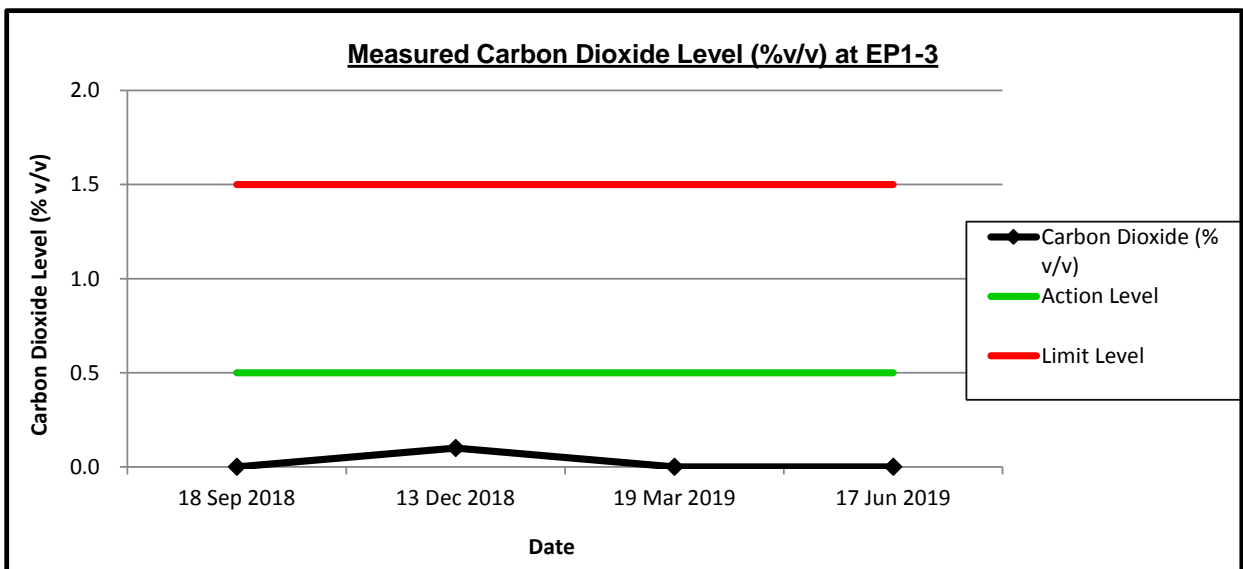
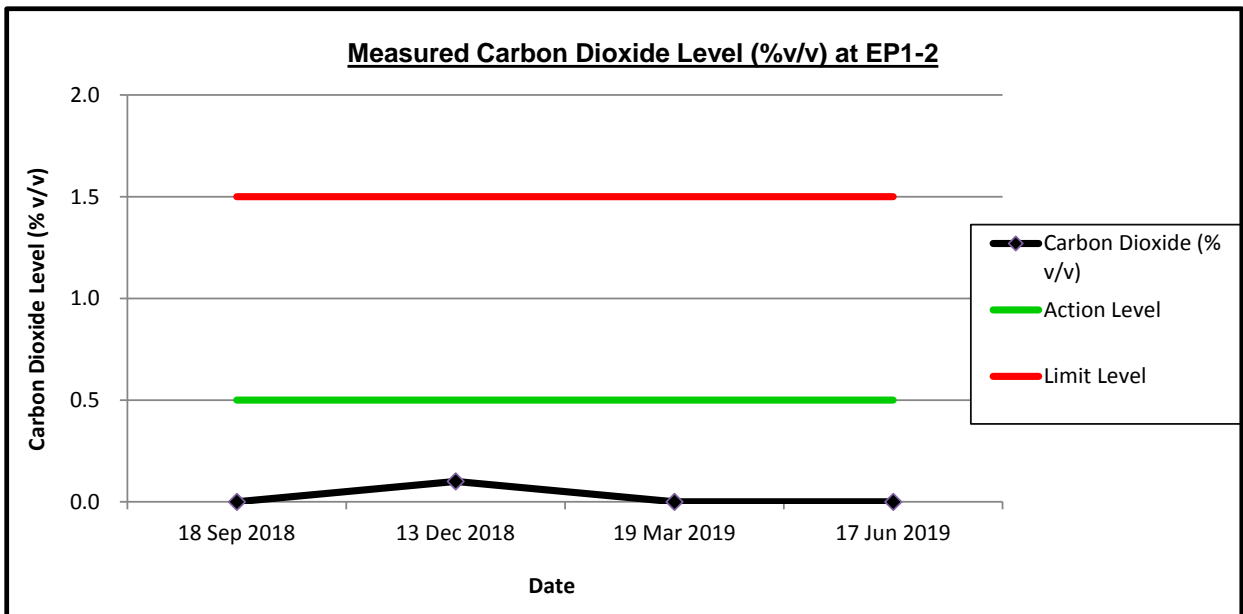
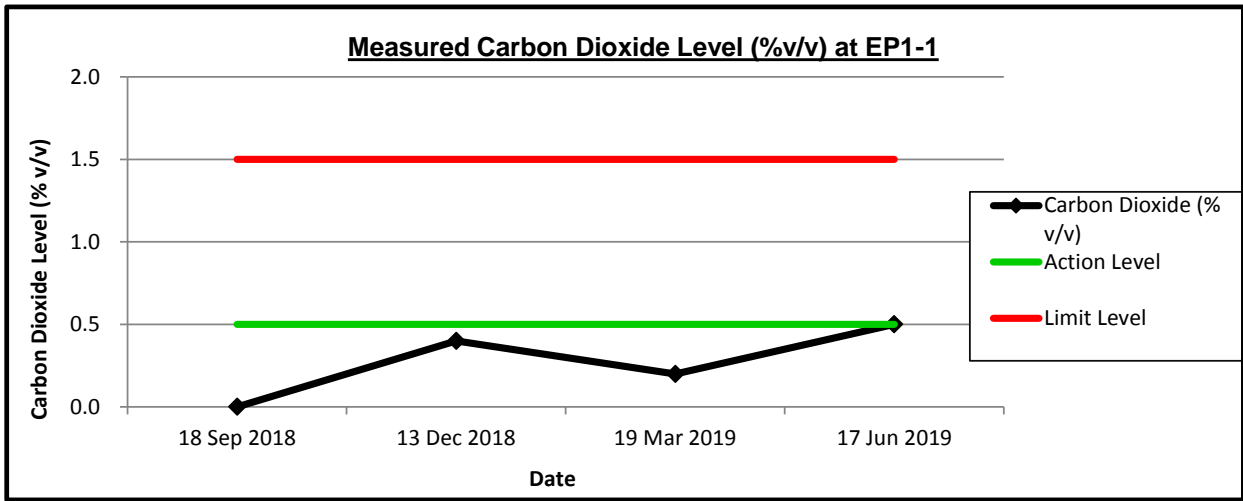


\* Re-measurement was carried out after the initial measurement to confirm the rectification of exceedance after ventilation enhancement.

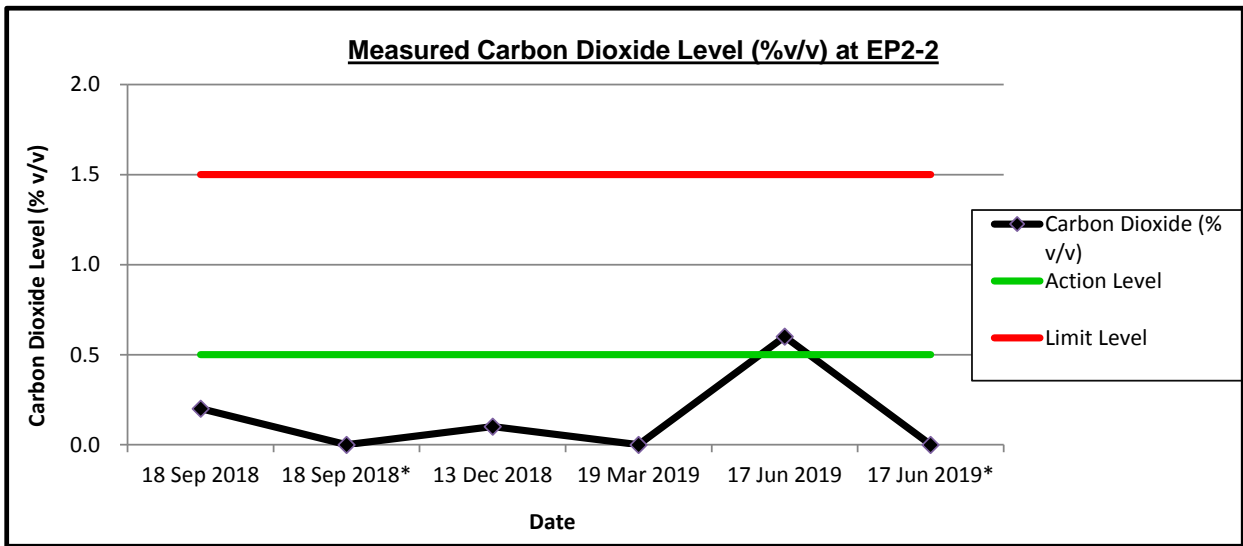
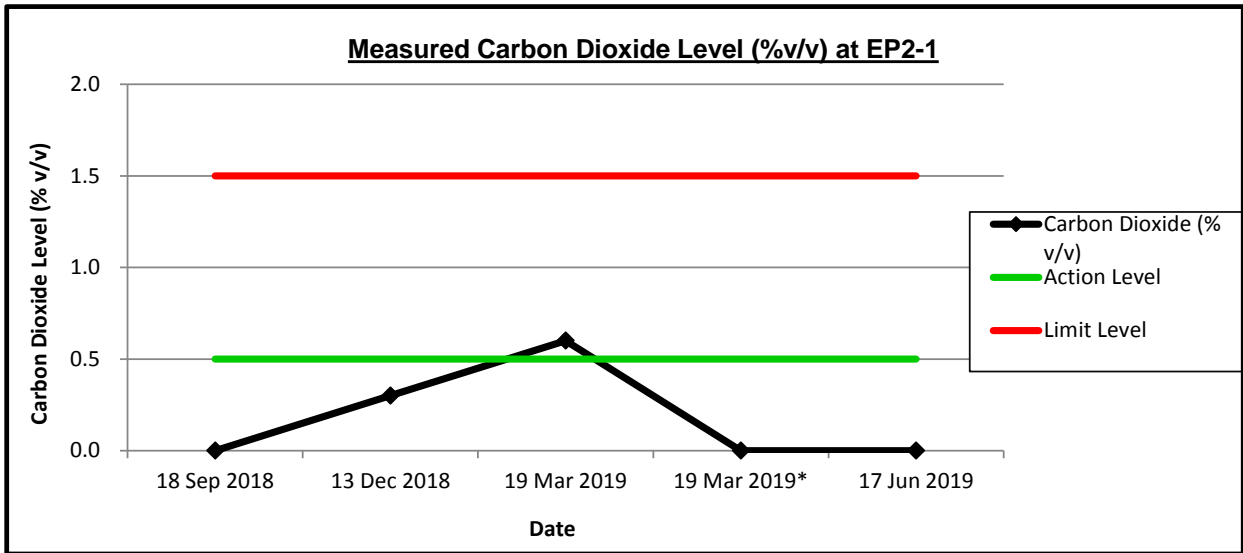




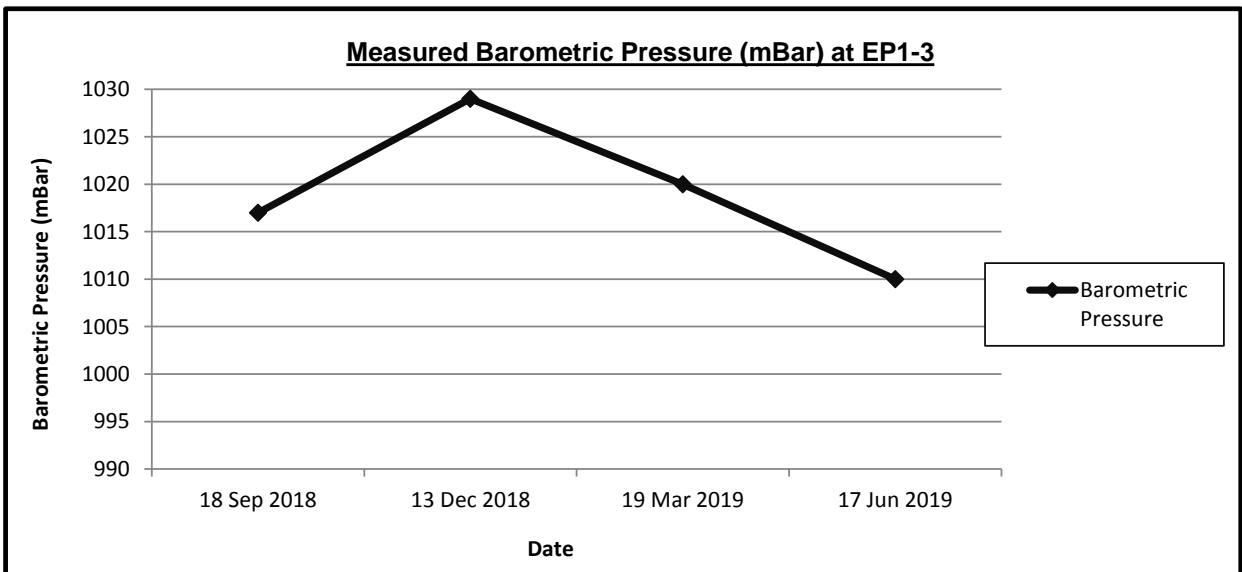
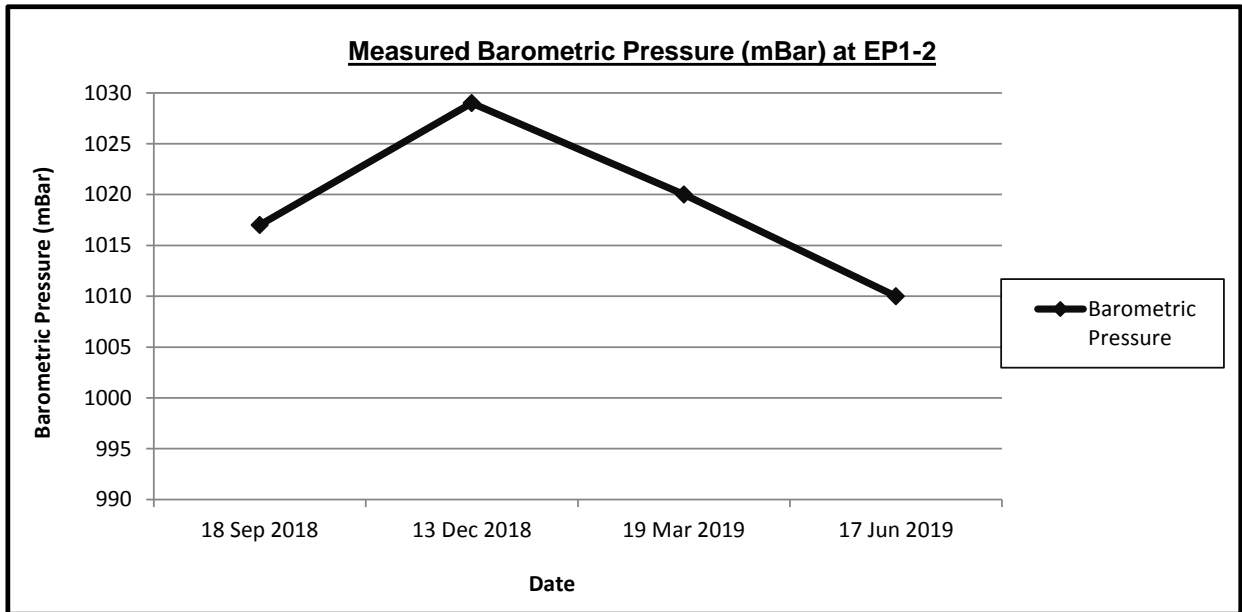
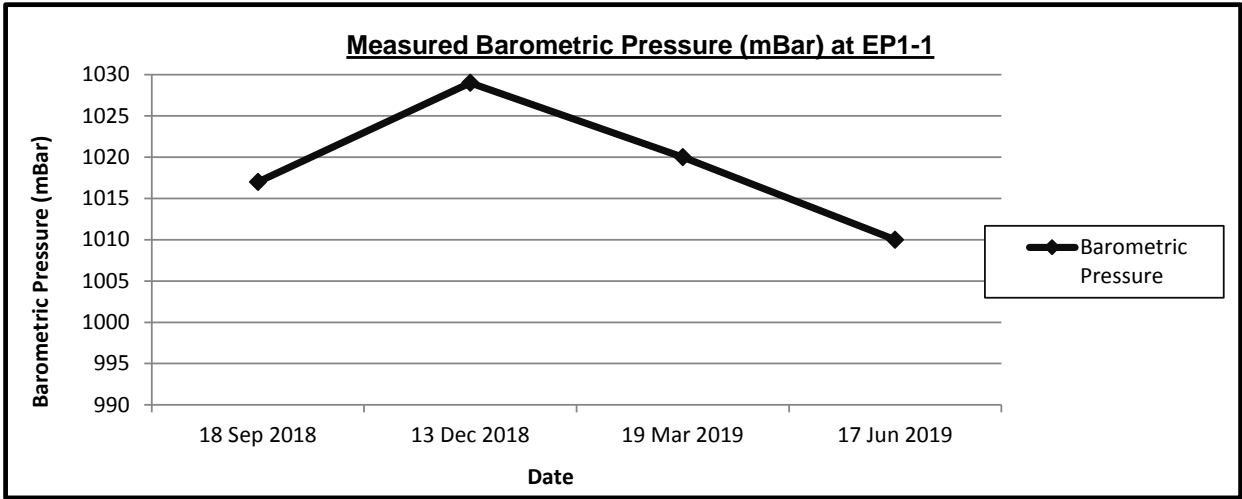
\* Re-measurement was carried out after the initial measurement to confirm the rectification of exceedance after ventilation enhancement.

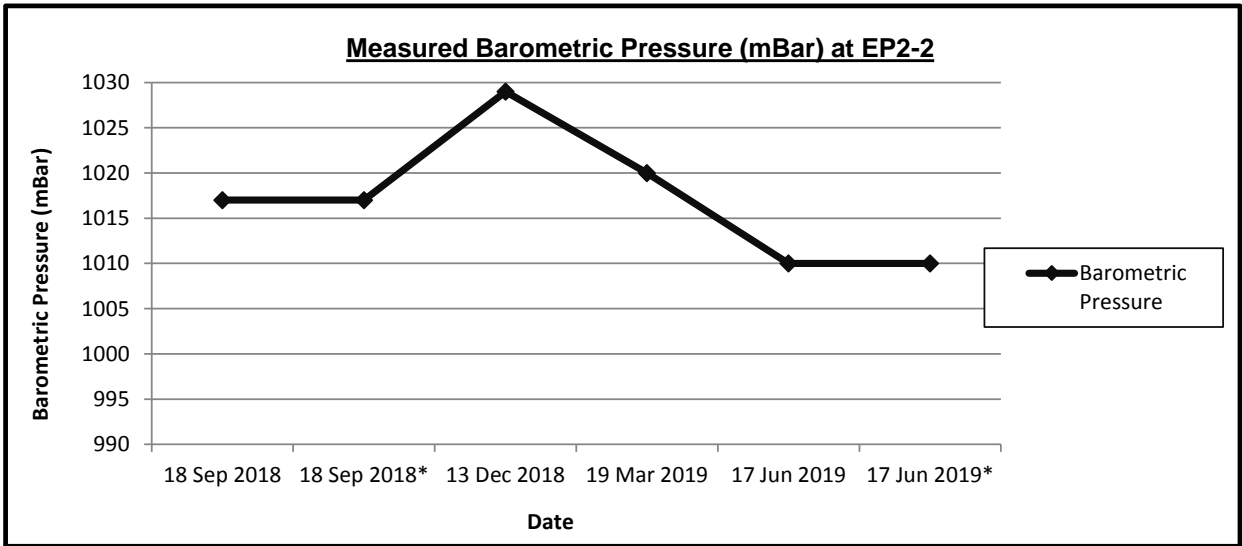
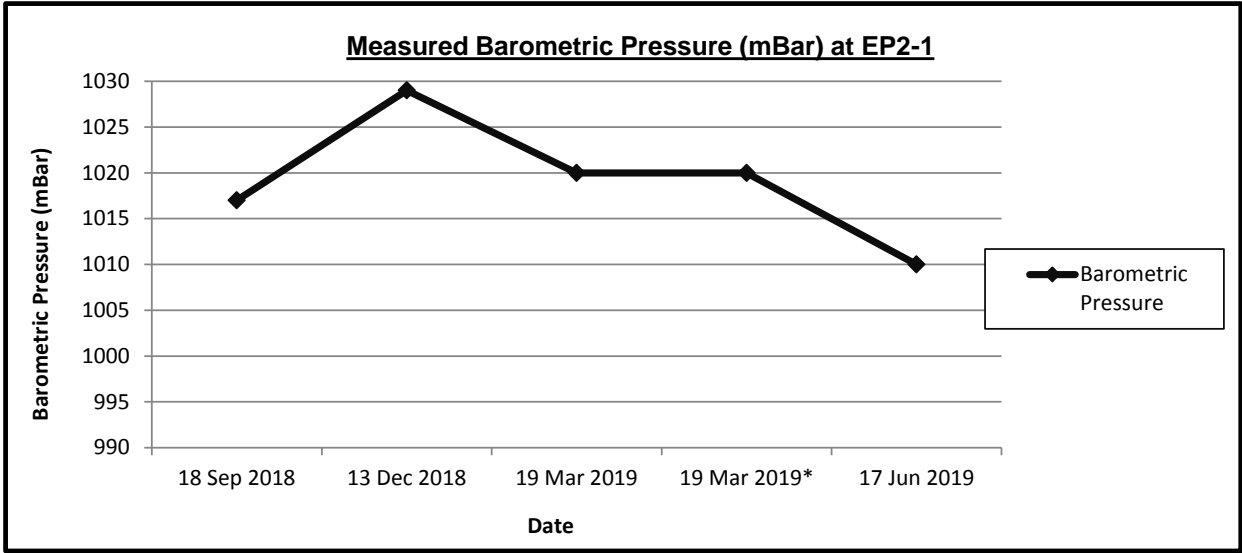






\* Re-measurement was carried out after the initial measurement to confirm the rectification of exceedance after ventilation enhancement.





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

## **Appendix 6**

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

## **Appendix 6.1**

---

### **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"/>	New Licence was issued on 24 Jan 2019
a) Sampling record available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sampling conducted in Mar 2019
b) Monitoring frequency met the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Bi-monthly sampling for effluent arising from producing biodiesel.
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 (2)
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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



2.13 Drainage from maintenance area discharged via oil interceptor?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Oil and grease removed regularly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dusty stockpile is observed 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Valid from Feb 2018 to Feb 2023
a) SP Licence conditions / monitoring requirements comply?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Quarterly reporting on quantity of raw material and product (up to Jul 2018)
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 type="checkbox"/>	<input checked="" 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"/>	No loading/unloading of dusty materials is observed
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.4 Dust monitoring record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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

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?    No stockpile of dusty material is observed
- 3.18 Major dust source(s):  Wind erosion  Vehicle/equipment movement  
 Loading/unloading of materials  Others: n/a

**4. Waste / Chemical Management**

General

- |  | N/A                                 | Yes                                 | No                       | Remarks                       |
|--|-------------------------------------|-------------------------------------|--------------------------|-------------------------------|
| 4.1 Registered as chemical waste producer?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                               |
| 4.2 Sufficient receptacles (e.g. rubbish bins) available?                          | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                               |
| 4.3 Disposed of regularly and properly?  | <input type="checkbox"/>            | <input 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 (2) |
| 4.10 Obtained approval for the use of chemical waste container >450L? | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |                           |

Labelling of Chemical Waste

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

Storage of Chemical Waste

- |   |                                     |                                     |                                     |                           |
|---|-------------------------------------|-------------------------------------|-------------------------------------|---------------------------|
| 4.12 Proper "Chemical Waste" sign displayed?  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Follow-up Observation (3) |
| 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 type="checkbox"/>            | <input checked="" type="checkbox"/> | Follow-up Observation (3) |
| 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 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"/>            | Not observed              |

Liquid Chemical Storage

- |  |                          |                                     |                                     |                           |
|--|--------------------------|-------------------------------------|-------------------------------------|---------------------------|
| 4.20 Storage area provided with permeation-proof floor or surface?   | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Follow-up Observation (3) |
| 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?    Follow-up Observation (1)

**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) The concreting work is completed and the area is now designated for parking. The chemical waste storage area has been being relocated. Details are referred to follow-up observation item (3).



(Observed on 19 March 2019)



(Observed on 29 April 2019)

- 2) While the leakage of grease under the filter press system was cleared according to the rectification photo provided by the Operator after the last audit in March 2019, accidental spillage of grease waste was observed during inspection. The tenant was requested to clear the leaked materials and seal up the gap between the concrete barrier to prevent further leakage into the perimeter drain.



(Observed on 29 April 2019)



(Observed on 29 April 2019)

- 3) No labelling is provided to the chemical waste and chemical waste storage area, which should also be provided with adequate ventilation for indoor environment. It was informed by the tenant a new chemical storage area will be designated by the end of the week, and the chemical waste will be relocated for proper storage. The tenant was requested to observe the requirements stipulated in the *Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes* and provide proper labelling to the chemical waste and chemical waste storage area. The status will be followed-up in the next audit.



(Observed on 19 March 2019)



(Observed on 29 April 2019)

New Observations

- No major environmental deficiency was observed.

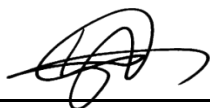
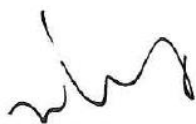
**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:



Name Ronan CHAN

Name **May Wu**

Name **Kenji Wong**

Name: *Martin Yu*

Date: 2019/04/29

Date: **14 MAY 2019**

Date: 17 May 2019

Date: *29/4/2019*

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"/>	New Licence was issued on 24 Jan 2019
a) Sampling record available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Bi-monthly sampling (up to Mar 2019)
b) Monitoring frequency met the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Bi-monthly sampling for effluent arising from producing biodiesel.
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"/>	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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**3. Air Quality**

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Valid from Feb 2018 to Feb 2023
a) SP Licence conditions / monitoring requirements comply?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Quarterly reporting on quantity of raw material and product (up to Jul 2018)
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 type="checkbox"/>	<input checked="" 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

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?    No stockpile of dusty material is observed
- 3.18 Major dust source(s):  Wind erosion  Vehicle/equipment movement  
 Loading/unloading of materials  Others: n/a

**4. Waste / Chemical Management**

General

- |  | N/A                                 | Yes                                 | No                       | Remarks                       |
|--|-------------------------------------|-------------------------------------|--------------------------|-------------------------------|
| 4.1 Registered as chemical waste producer?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                               |
| 4.2 Sufficient receptacles (e.g. rubbish bins) available?                          | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                               |
| 4.3 Disposed of regularly and properly?  | <input type="checkbox"/>            | <input 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"/> |  |
| 4.10 Obtained approval for the use of chemical waste container >450L? | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |  |

Labelling of Chemical Waste

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

Storage of Chemical Waste

- |   |                                     |                                     |                                     |                           |
|---|-------------------------------------|-------------------------------------|-------------------------------------|---------------------------|
| 4.12 Proper "Chemical Waste" sign displayed?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Follow-up Observation (2) |
| 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 type="checkbox"/>            | <input checked="" type="checkbox"/> | Follow-up Observation (2) |
| 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 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"/>            | Not observed              |

Liquid Chemical Storage

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

4.22 Walls or partitions of stacked container storage area constructed of impermeable material?    \_\_\_\_\_

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

	N/A	Yes	No	Remarks
5.1 Alert workers and visitors of possible LFG hazards?	<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) The leakage into the perimeter drain has been cleared and the gap between the concrete barrier has been covered by sand bag.



(Observed on 29 April 2019)



(Observed on 23 May 2019)



(Observed on 23 May 2019)

- 2) No chemical waste labelling was provided for the chemical waste. The tenant was requested to provide proper labelling to the chemical waste and relocate them to the new designated chemical waste storage area.



(Observed on 29 April 2019)



(Observed on 23 May 2019)



(Observed on 23 May 2019)

New Observations

- No major environmental deficiency was observed.

**Signatures:**

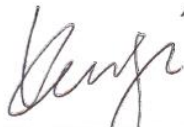
ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:






Name Cindy KWOK

Name May Wu

Name Kenji Wong

Name: Martin Yu

Date: 2019/05/23

Date: 15 JUN 2019

Date: 17 Jun 2019

Date: 2019/5/30

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"/>	New Licence was issued on 24 Jan 2019
a) Sampling record available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Bi-monthly sampling (up to May 2019)
b) Monitoring frequency met the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Bi-monthly sampling for effluent arising from producing biodiesel.
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



**SITE INSPECTION CHECKLIST**

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

**3. Air Quality**

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Valid from Feb 2018 to Feb 2023
a) SP Licence conditions / monitoring requirements comply?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Quarterly reporting on quantity of raw material and product (up to Jul 2018)
3.2 Operate without generation of noticeable odour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No recycling process 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No recycling process is observed during inspection
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.11 Air pollution control system properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	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

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?    No stockpile of dusty material is observed
- 3.18 Major dust source(s):  Wind erosion  Vehicle/equipment movement  
 Loading/unloading of materials  Others: n/a

**4. Waste / Chemical Management**

General

- |  | N/A                                 | Yes                                 | No                       | Remarks                       |
|--|-------------------------------------|-------------------------------------|--------------------------|-------------------------------|
| 4.1 Registered as chemical waste producer?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                               |
| 4.2 Sufficient receptacles (e.g. rubbish bins) available?                          | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                               |
| 4.3 Disposed of regularly and properly?  | <input type="checkbox"/>            | <input 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"/> |  |
| 4.10 Obtained approval for the use of chemical waste container >450L? | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |  |

Labelling of Chemical Waste

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

Storage of Chemical Waste

- |   |                                     |                                     |                                     |                           |
|---|-------------------------------------|-------------------------------------|-------------------------------------|---------------------------|
| 4.12 Proper "Chemical Waste" sign displayed?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Follow-up Observation (1) |
| 4.13 Incompatible wastes separated by impermeable partition?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |                           |
| 4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)? | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                           |
| 4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                           |
| 4.16 Properly stored and locked in designated area with adequate ventilation?   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Follow-up Observation (1) |
| 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"/> |  |

**SITE INSPECTION CHECKLIST**

4.22 Walls or partitions of stacked container storage area constructed of impermeable material?    \_\_\_\_\_

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

N/A Yes No Remarks

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

5.2 Smoking and open fires prohibited?    \_\_\_\_\_

**6. Others**

N/A Yes No Remarks

6.1 Works confined within lot boundaries?    \_\_\_\_\_

6.2 Damage to surrounding areas avoided?    \_\_\_\_\_

6.3 Site lighting designed to avoid glare to surrounding receivers?    \_\_\_\_\_

6.4 Materials and machinery stored in an orderly manner?    \_\_\_\_\_

6.5 Areas within lot for recycling activities paved with concrete?    \_\_\_\_\_

6.6 Potential stagnant pools cleared and mosquito breeding prevented?    \_\_\_\_\_

6.7 Valid calibration certificate for any monitoring equipment?    \_\_\_\_\_

6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods?    \_\_\_\_\_

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

b) Storage area is securely locked?    \_\_\_\_\_

c) Total storage capacity in compliance with relevant statutory requirement?    \_\_\_\_\_

d) Proper labelling provided?    \_\_\_\_\_

e) Dangerous goods properly packaged?    \_\_\_\_\_

**Remarks:**

**Follow-up from Previous Audits**

- 1) Proper chemical waste label is provided yet it is not being stuck to the correct position. The tenant was requested to attach the chemical waste label directly on the chemical waste instead of sticking to the contained plastic box. The tenant was reminded to relocate the chemical waste to the new designated chemical waste storage area at the northern part of the lot.



(Observed on 23 May 2019)



(Observed on 23 May 2019)



(Observed on 17 June 2019)



(Observed on 17 June 2019)

**New Observations**

- No major environmental deficiency was observed.

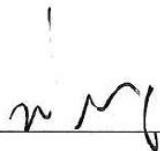
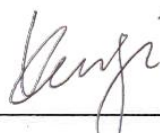
**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:


Name Cindy KWOK

Name **May Wu**

Name Kenji Wong

Name: *Martin Yu*

Date: 2019/06/17

Date: **-2 JUL 2019**

Date: 6 Jul 2019

Date: *2019/06/24*

**Appendix 6.2**

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Tenant-specific Audit Checklists for the Reporting Quarter  
Shiu Wing Steel 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 was observed

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**3. Air Quality**

		N/A	Yes	No	Remarks
3.1	Valid Specified Process (SP) Licence available for all specified process?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
	a) SP Licence conditions/monitoring requirements comply?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2	Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3	Dusty materials dampened prior to loading/unloading?	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.12	Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13	Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14	Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15	Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**4. Waste / Chemical Management**

General

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

Packaging of Chemical Waste

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

Labelling of Chemical Waste

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

Storage of Chemical Waste

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

Liquid Waste Storage

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



EcoPark Operation  
**SITE INSPECTION CHECKLIST**



4.22 Walls or partitions of stacked container storage area constructed of impermeable material?    \_\_\_\_\_

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

N/A Yes No Remarks

5.1 Alert workers and visitors of possible LFG hazards?    \_\_\_\_\_

5.2 Smoking and open fires prohibited?    \_\_\_\_\_

**6. Others**

N/A Yes No Remarks

6.1 Works confined within lot boundaries?    \_\_\_\_\_

6.2 Damage to surrounding areas avoided?    \_\_\_\_\_

6.3 Site lighting designed to avoid glare to surrounding receivers?    \_\_\_\_\_

6.4 Materials and machinery stored in an orderly manner?    \_\_\_\_\_

6.5 Areas within lot for recycling activities paved with concrete?    Covered by metal plates

6.6 Potential stagnant pools cleared and mosquito breeding prevented?    \_\_\_\_\_

6.7 Valid calibration certificate for any monitoring equipment?    Not required

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

a) Storage area in compliance with the approved plan?    \_\_\_\_\_

b) Storage area is securely locked?    \_\_\_\_\_

c) Total storage capacity in compliance with relevant statutory requirement?    \_\_\_\_\_

d) Proper labelling provided?    \_\_\_\_\_

e) Dangerous goods properly packaged?    \_\_\_\_\_

**Remarks:**

**New Observations**

- No major environmental deficiency was observed.

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Ronan CHAN

Name: May Wu

Name: Alex Wai

Name: Martin Yu

Date: 2019/04/29

Date: 14 MAY 2019

Date: 15.5.2019

Date: 29/4/2019

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 was observed

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**3. Air Quality**

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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**

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

Packaging of Chemical Waste

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

Labelling of Chemical Waste

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

Storage of Chemical Waste

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

Liquid Waste Storage

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



4.22 Walls or partitions of stacked container storage area constructed of impermeable material?    \_\_\_\_\_

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

N/A Yes No Remarks

5.1 Alert workers and visitors of possible LFG hazards?    \_\_\_\_\_

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?    No recycling activity was observed

6.6 Potential stagnant pools cleared and mosquito breeding prevented?    \_\_\_\_\_

6.7 Valid calibration certificate for any monitoring equipment?    Not required

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

a) Storage area in compliance with the approved plan?    \_\_\_\_\_

b) Storage area is securely locked?    \_\_\_\_\_

c) Total storage capacity in compliance with relevant statutory requirement?    \_\_\_\_\_

d) Proper labelling provided?    \_\_\_\_\_

e) Dangerous goods properly packaged?    \_\_\_\_\_

**Remarks:**

**New Observations**

- No major environmental deficiency was observed.

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name: May Wu

Name: Alex Wai

Name: Martin Yu

Date: 2019/05/23

Date: 15 JUN 2019

Date: 12.6.2019

Date: 2019/5/30

## **Appendix 6.3**

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dampening of waste wood affects the wood quality and is therefore unsuitable
3.4 Dust monitoring record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Via enclosure
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.11 Air pollution control system properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Via enclosure
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed



EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**4. Waste / Chemical Management**

General

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

Packaging of Chemical Waste

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

Labelling of Chemical Waste

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

Storage of Chemical Waste

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

Liquid Waste Storage

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



4.22 Walls or partitions of stacked container storage area constructed of impermeable material?    \_\_\_\_\_

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

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

**6. Others**

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

**Remarks:**

**New Observations**

- No major environmental deficiency was observed.

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Ronan CHAN

Name: May Wu

Name: RENEE YAU

Name: Martin Yu

Date: 2019/04/29

Date: 14 MAY 2019

Date: 24-5-2019

Date: 29/4/2019

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**Weather**

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

**1. General**

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

**2. Water Quality**

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**3. Air Quality**

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**4. Waste / Chemical Management**

General

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

Packaging of Chemical Waste

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

Labelling of Chemical Waste

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

Storage of Chemical Waste

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

Liquid Waste Storage

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



4.22 Walls or partitions of stacked container storage area constructed of impermeable material?    \_\_\_\_\_

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

N/A Yes No Remarks

5.1 Alert workers and visitors of possible LFG hazards?    \_\_\_\_\_

5.2 Smoking and open fires prohibited?    \_\_\_\_\_

**6. Others**

N/A Yes No Remarks

6.1 Works confined within lot boundaries?    \_\_\_\_\_

6.2 Damage to surrounding areas avoided?    \_\_\_\_\_

6.3 Site lighting designed to avoid glare to surrounding receivers?    \_\_\_\_\_

6.4 Materials and machinery stored in an orderly manner?    \_\_\_\_\_

6.5 Areas within lot for recycling activities paved with concrete?    \_\_\_\_\_

6.6 Potential stagnant pools cleared and mosquito breeding prevented?    \_\_\_\_\_

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

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

a) Storage area in compliance with the approved plan?    \_\_\_\_\_

b) Storage area is securely locked?    \_\_\_\_\_

c) Total storage capacity in compliance with relevant statutory requirement?    \_\_\_\_\_

d) Proper labelling provided?    \_\_\_\_\_

e) Dangerous goods properly packaged?    \_\_\_\_\_

**Remarks:**

**New Observations**

- No major environmental deficiency was observed.

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name:

15 May 2019

Date: 2019/05/23

Date:

Name:

Irene Tau

Date:

18-6-2019

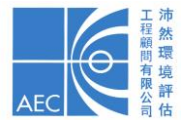
Name:

Martin Yu

Date:

2019/5/30

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**Weather**

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

**1. General**

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

**2. Water Quality**

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**3. Air Quality**

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



EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**4. Waste / Chemical Management**

General

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

Packaging of Chemical Waste

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

Labelling of Chemical Waste

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

Storage of Chemical Waste

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

Liquid Waste Storage

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



4.22 Walls or partitions of stacked container storage area constructed of impermeable material?    \_\_\_\_\_

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

N/A Yes No Remarks

5.1 Alert workers and visitors of possible LFG hazards?    \_\_\_\_\_

5.2 Smoking and open fires prohibited?    \_\_\_\_\_

**6. Others**

N/A Yes No Remarks

6.1 Works confined within lot boundaries?    \_\_\_\_\_

6.2 Damage to surrounding areas avoided?    \_\_\_\_\_

6.3 Site lighting designed to avoid glare to surrounding receivers?    \_\_\_\_\_

6.4 Materials and machinery stored in an orderly manner?    \_\_\_\_\_

6.5 Areas within lot for recycling activities paved with concrete?    \_\_\_\_\_

6.6 Potential stagnant pools cleared and mosquito breeding prevented?    \_\_\_\_\_

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

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

a) Storage area in compliance with the approved plan?    \_\_\_\_\_

b) Storage area is securely locked?    \_\_\_\_\_

c) Total storage capacity in compliance with relevant statutory requirement?    \_\_\_\_\_

d) Proper labelling provided?    \_\_\_\_\_

e) Dangerous goods properly packaged?    \_\_\_\_\_

**Remarks:**

**New Observations**

- No major environmental deficiency was observed.

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name: May Wu

Name: RENE TAN

Name: Martin Yu

Date: 2019/06/17

Date: -2 JUL 2019

Date: 4/7/2019

Date: 2019/06/24

## **Appendix 6.4**

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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:   
 Lot Number:  Tenant:

Inspected by:

**Weather**

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

**1. General**

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

**2. Water Quality**

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No 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"/>	Dust-generating activity is not observed
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No operation is observed during inspection
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.11 Air pollution control system properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



- 3.16 Truck loads to a level within the side and tail boards?    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"/> |  |

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 Observations

- No major environmental deficiency was observed.

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Ronan CHAN

Name: May Wu

Name: Lee Hing Tak

Name:

Date: 2019/04/29

Date: 14 MAY 2019

Date: 15 15 19

Date:

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**Weather**

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

**1. General**

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

**2. Water Quality**

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



**SITE INSPECTION CHECKLIST**

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

**3. Air Quality**

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

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?    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"/> |  |

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 Observations

- No major environmental deficiency was observed.

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name: May Wu

Name: MRS. LBB

Name: Martin Yu

Date: 2019/05/23

Date: 15 JUN 2019

Date: 18-6-2019

Date: 2019/5/30

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dust-generating activity is not observed
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.11 Air pollution control system properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



- 3.16 Truck loads to a level within the side and tail boards?    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"/> |  |

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 Observations

- No major environmental deficiency was observed.

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name: May Wu

Name: LEOHING TAK.

Name:

Date: 2019/06/17

Date: -2 JUL 2019

Date: 5-7-2019

Date:

## **Appendix 6.5**

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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

**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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**3. Air Quality**

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**4. Waste / Chemical Management**

General

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

Packaging of Chemical Waste

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

Labelling of Chemical Waste

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

Storage of Chemical Waste

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

Liquid Waste Storage

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



4.22 Walls or partitions of stacked container storage area constructed of impermeable material?    \_\_\_\_\_

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

N/A Yes No Remarks

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

5.2 Smoking and open fires prohibited?    \_\_\_\_\_

**6. Others**

N/A Yes No Remarks

6.1 Works confined within lot boundaries?    \_\_\_\_\_

6.2 Damage to surrounding areas avoided?    \_\_\_\_\_

6.3 Site lighting designed to avoid glare to surrounding receivers?    \_\_\_\_\_

6.4 Materials and machinery stored in an orderly manner?    \_\_\_\_\_

6.5 Areas within lot for recycling activities paved with concrete?    \_\_\_\_\_

6.6 Potential stagnant pools cleared and mosquito breeding prevented?    \_\_\_\_\_

6.7 Valid calibration certificate for any monitoring equipment?    Not required

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

a) Storage area in compliance with the approved plan?    \_\_\_\_\_

b) Storage area is securely locked?    \_\_\_\_\_

c) Total storage capacity in compliance with relevant statutory requirement?    \_\_\_\_\_

d) Proper labelling provided?    \_\_\_\_\_

e) Dangerous goods properly packaged?    \_\_\_\_\_

**Remarks:**

New Observations

- No major environmental deficiency was observed.

**Signatures:**


ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:







\_\_\_\_\_

Name: Ronan CHAN

Name: May Wu

Name: May Wu

Name:

Date: 2019/04/29

Date: 14 MAY 2019

Date: 14/5/2019

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**3. Air Quality**

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**4. Waste / Chemical Management**

General

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

Packaging of Chemical Waste

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

Labelling of Chemical Waste

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

Storage of Chemical Waste

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

Liquid Waste Storage

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



4.22 Walls or partitions of stacked container storage area constructed of impermeable material?    \_\_\_\_\_

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

N/A Yes No Remarks

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

5.2 Smoking and open fires prohibited?    \_\_\_\_\_

**6. Others**

N/A Yes No Remarks

6.1 Works confined within lot boundaries?    \_\_\_\_\_

6.2 Damage to surrounding areas avoided?    \_\_\_\_\_

6.3 Site lighting designed to avoid glare to surrounding receivers?    \_\_\_\_\_

6.4 Materials and machinery stored in an orderly manner?    \_\_\_\_\_

6.5 Areas within lot for recycling activities paved with concrete?    \_\_\_\_\_

6.6 Potential stagnant pools cleared and mosquito breeding prevented?    \_\_\_\_\_

6.7 Valid calibration certificate for any monitoring equipment?    Not required

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

a) Storage area in compliance with the approved plan?    \_\_\_\_\_

b) Storage area is securely locked?    \_\_\_\_\_

c) Total storage capacity in compliance with relevant statutory requirement?    \_\_\_\_\_

d) Proper labelling provided?    \_\_\_\_\_

e) Dangerous goods properly packaged?    \_\_\_\_\_

**Remarks:**

New Observations

- No major environmental deficiency was observed.

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name: May Wu

Name: [Handwritten]

Name: Martin Yu

Date: 2019/05/23

Date: 15 JUN 2019

Date: 17/6/2019

Date: 2019/5/30



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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**3. Air Quality**

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**4. Waste / Chemical Management**

General

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

Packaging of Chemical Waste

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

Labelling of Chemical Waste

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

Storage of Chemical Waste

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

Liquid Waste Storage

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



4.22 Walls or partitions of stacked container storage area constructed of impermeable material?    \_\_\_\_\_

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

N/A Yes No Remarks

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

5.2 Smoking and open fires prohibited?    \_\_\_\_\_

**6. Others**

N/A Yes No Remarks

6.1 Works confined within lot boundaries?    \_\_\_\_\_

6.2 Damage to surrounding areas avoided?    \_\_\_\_\_

6.3 Site lighting designed to avoid glare to surrounding receivers?    \_\_\_\_\_

6.4 Materials and machinery stored in an orderly manner?    \_\_\_\_\_

6.5 Areas within lot for recycling activities paved with concrete?    \_\_\_\_\_

6.6 Potential stagnant pools cleared and mosquito breeding prevented?    \_\_\_\_\_

6.7 Valid calibration certificate for any monitoring equipment?    Not required

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

a) Storage area in compliance with the approved plan?    \_\_\_\_\_

b) Storage area is securely locked?    \_\_\_\_\_

c) Total storage capacity in compliance with relevant statutory requirement?    \_\_\_\_\_

d) Proper labelling provided?    \_\_\_\_\_

e) Dangerous goods properly packaged?    \_\_\_\_\_

**Remarks:**

New Observations

- No major environmental deficiency was observed.

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name: May Wu

Name:

Name:

Date: 2019/06/17

Date:

-2 JUL 2019

Date:

3/7/2019

Date:

## **Appendix 6.6**

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



Inspection Date:	2019/04/29	Time:	11:20	Inspected by:	Ronan CHAN, Sam CHAN, Tak WONG
Lot Number:	P11	Tenant:	K. Wah		

**Weather**

Condition:	<input type="checkbox"/> Sunny	<input type="checkbox"/> Fine	<input checked="" type="checkbox"/> Overcast	<input type="checkbox"/> Drizzle	<input type="checkbox"/> Rain	<input type="checkbox"/> Storm	<input type="checkbox"/> Hazy
Temperature:	27 °C		Humidity:	<input checked="" type="checkbox"/> High	<input type="checkbox"/> Moderate	<input type="checkbox"/> Low	
Wind:	<input type="checkbox"/> Calm	<input checked="" type="checkbox"/> Light	<input type="checkbox"/> Breeze	<input type="checkbox"/> Strong			

**1. General**

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

**2. Water Quality**

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wastewater is reused
a) Sampling record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sedimentation pit is provided
a) Adequate capacity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input 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"/>	

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
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 Jan 2019)
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No loading/unloading is observed
3.4 Dust monitoring record available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Measurement of 24-hr RSP required by SP Licence (up to Apr 2019)
a) Monitoring frequency met the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No specific standard is provided in SP Licence
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"/>	Enclosures and sprinkler system are provided
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"/>	
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.11 Air pollution control system properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Maintenance record to be provided
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



- 3.16 Truck loads to a level within the side and tail boards?    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 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 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"/> | No chemical waste is removed from the lot yet |

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"/> |  |



EcoPark Operation  
**SITE INSPECTION CHECKLIST**



4.22 Walls or partitions of stacked container storage area constructed of impermeable material?    \_\_\_\_\_

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

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

**6. Others**

	N/A	Yes	No	Remarks
6.1 Works confined within lot boundaries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.2 Damage to surrounding areas avoided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.3 Site lighting designed to avoid glare to surrounding receivers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.4 Materials and machinery stored in an orderly manner?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.5 Areas within lot for recycling activities paved with concrete?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.6 Potential stagnant pools cleared and mosquito breeding prevented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.7 Valid calibration certificate for any monitoring equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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 Observations**

- No major environmental deficiency was observed.

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Ronan CHAN

Name: May Wu

Name: Sammy Siu

Name:

Date: 2019/04/29

Date: 14 MAY 2019

Date: 15 May 2019

Date:

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**Weather**

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

**1. General**

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

**2. Water Quality**

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
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 Apr 2019)
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No loading/unloading is observed
3.4 Dust monitoring record available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Measurement of 24-hr RSP required by SP Licence (March & May 2019)
a) Monitoring frequency met the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No specific standard is provided in SP Licence
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"/>	Enclosures and sprinkler system are provided
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"/>	
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.11 Air pollution control system properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Maintenance record to be provided
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



- 3.16 Truck loads to a level within the side and tail boards?    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 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 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"/> | No chemical waste is removed from the lot yet |

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"/> |  |

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



4.22 Walls or partitions of stacked container storage area constructed of impermeable material?    \_\_\_\_\_

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

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

**6. Others**

	N/A	Yes	No	Remarks
6.1 Works confined within lot boundaries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.2 Damage to surrounding areas avoided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.3 Site lighting designed to avoid glare to surrounding receivers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.4 Materials and machinery stored in an orderly manner?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.5 Areas within lot for recycling activities paved with concrete?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.6 Potential stagnant pools cleared and mosquito breeding prevented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.7 Valid calibration certificate for any monitoring equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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 Observations**

- No major environmental deficiency was observed.

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name: May Wu

Name: Sammy Siu

Name: Martin Yu

Date: 2019/05/23

Date: 15 JUN 2019

Date: 21/6/2019

Date: 2019/5/30

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**Weather**

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

**1. General**

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

**2. Water Quality**

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
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 Apr 2019)
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No loading/unloading is observed
3.4 Dust monitoring record available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Measurement of 24-hr RSP required by SP Licence (May & June 2019)
a) Monitoring frequency met the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No specific standard is provided in SP Licence
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"/>	Enclosures and sprinkler system are provided
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"/>	
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.11 Air pollution control system properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Maintenance record to be provided
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



- 3.16 Truck loads to a level within the side and tail boards?    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 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 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"/> |  |



EcoPark Operation  
**SITE INSPECTION CHECKLIST**



4.22 Walls or partitions of stacked container storage area constructed of impermeable material?    \_\_\_\_\_

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

N/A Yes No Remarks

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

5.2 Smoking and open fires prohibited?    \_\_\_\_\_

**6. Others**

N/A Yes No Remarks

6.1 Works confined within lot boundaries?    \_\_\_\_\_

6.2 Damage to surrounding areas avoided?    \_\_\_\_\_

6.3 Site lighting designed to avoid glare to surrounding receivers?    \_\_\_\_\_

6.4 Materials and machinery stored in an orderly manner?    \_\_\_\_\_

6.5 Areas within lot for recycling activities paved with concrete?    \_\_\_\_\_

6.6 Potential stagnant pools cleared and mosquito breeding prevented?    \_\_\_\_\_

6.7 Valid calibration certificate for any monitoring equipment?    Not provided

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

a) Storage area in compliance with the approved plan?    \_\_\_\_\_

b) Storage area is securely locked?    \_\_\_\_\_

c) Total storage capacity in compliance with relevant statutory requirement?    \_\_\_\_\_

d) Proper labelling provided?    \_\_\_\_\_

e) Dangerous goods properly packaged?    \_\_\_\_\_

**Remarks:**

**New Observations**

- No major environmental deficiency was observed.

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name: May Wu

Name: Sammy Sill

Name:

Date: 2019/06/17

Date: - 2 JUL 2019

Date: 4 July 2019

Date:

## **Appendix 6.7**

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**Weather**

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

**1. General**

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

**2. Water Quality**

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Prohibition of discharging wastewater to communal sewer by the enforcement unit of EPD
a) Sampling record available?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Discharge is suspended temporarily.
b) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Wastewater is tanked away.
a) Adequate capacity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Temporary storage in the underground storage tank
b) Properly maintained and function normally?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Wastewater is tanked away.
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Manholes near the cleaning area are sealed
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	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"/>	Wastewater is tanked away

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**3. Air Quality**

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**4. Waste / Chemical Management**

<u>General</u>	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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Outside LFG consultation zone
5.2 Smoking and open fires prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

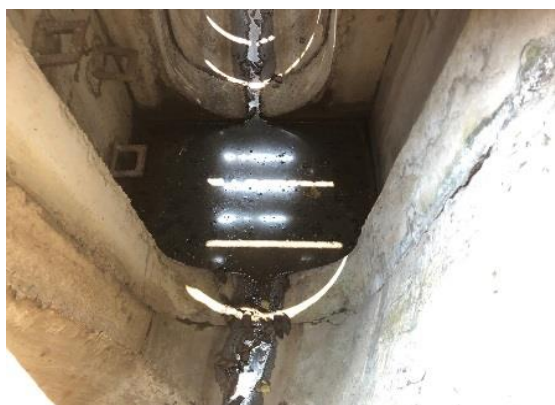
**6. Others**

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

**Remarks:**

**Follow-up from Previous Audits**

- 1) The tenant has cleared the suspected leaked oil. No abnormality was observed in the stormwater manhole at the southwest corner of the lot.



(Observed on 19 March 2019)



(Observed on 29 April 2019)

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



New Observations

- No major environmental deficiency was observed.

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Ronan CHAN

Name: May Wu

Name: Terence Tsui

Name: Martin Yu

Date: 2019/04/29

Date: 14 MAY 2019

Date: 24 MAY 2019

Date: 29/4/2019

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"/>	Prohibition of discharging wastewater to communal sewer by the enforcement unit of EPD
a) Sampling record available?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Discharge is suspended temporarily
b) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Wastewater is tanked away.
a) Adequate capacity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Temporary storage in the underground storage tank
b) Properly maintained and function normally?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Wastewater is tanked away
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Manholes near the cleaning area are sealed
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	New Observation (1)
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed.
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wastewater is tanked away



EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**3. Air Quality**

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**4. Waste / Chemical Management**

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

Packaging of Chemical Waste

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

Labelling of Chemical Waste

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

Storage of Chemical Waste

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

Liquid Waste Storage

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

4.22 Walls or partitions of stacked container storage area constructed of impermeable material?    \_\_\_\_\_

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

N/A Yes No Remarks

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

5.2 Smoking and open fires prohibited?    \_\_\_\_\_

**6. Others**

N/A Yes No Remarks

6.1 Works confined within lot boundaries?    \_\_\_\_\_

6.2 Damage to surrounding areas avoided?    \_\_\_\_\_

6.3 Site lighting designed to avoid glare to surrounding receivers?    \_\_\_\_\_

6.4 Materials and machinery stored in an orderly manner?    \_\_\_\_\_

6.5 Areas within lot for recycling activities paved with concrete?    \_\_\_\_\_

6.6 Potential stagnant pools cleared and mosquito breeding prevented?    \_\_\_\_\_

6.7 Valid calibration certificate for any monitoring equipment?    Not provided

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

a) Storage area in compliance with the approved plan?    \_\_\_\_\_

b) Storage area is securely locked?    \_\_\_\_\_

c) Total storage capacity in compliance with relevant statutory requirement?    \_\_\_\_\_

d) Proper labelling provided?    \_\_\_\_\_

e) Dangerous goods properly packaged?    \_\_\_\_\_

**Remarks:**

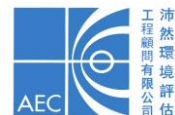
**New Observations**

- Oil stain was observed underneath a trailer at the Eastern Lot Boundary and leaked into the perimeter drain. The tenant should clean up any oil stain. The tenant was also requested to contain any oil spillage to avoid contamination to the ground and surrounding environment.



(Observed on 23 May 2019)

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name: **May Wu**

Name: Terence Tsui

Name: *Martin Yu*

Date: 2019/05/23

Date: **15 JUN 2019**

Date: **25 JUN 2019**

Date: *2019/5/30*

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"/>	Prohibition of discharging wastewater to communal sewer by the enforcement unit of EPD
a) Sampling record available?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Discharge is suspended temporarily
b) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Wastewater is tanked away.
a) Adequate capacity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Temporary storage in the underground storage tank
b) Properly maintained and function normally?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Wastewater is tanked away
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Manholes near the cleaning area are sealed
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	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"/>	Wastewater is tanked away

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**3. Air Quality**

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**4. Waste / Chemical Management**

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

Packaging of Chemical Waste

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

Labelling of Chemical Waste

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

Storage of Chemical Waste

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

Liquid Waste Storage

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

4.22 Walls or partitions of stacked container storage area constructed of impermeable material?    \_\_\_\_\_

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

N/A Yes No Remarks

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

5.2 Smoking and open fires prohibited?    \_\_\_\_\_

**6. Others**

N/A Yes No Remarks

6.1 Works confined within lot boundaries?    \_\_\_\_\_

6.2 Damage to surrounding areas avoided?    \_\_\_\_\_

6.3 Site lighting designed to avoid glare to surrounding receivers?    \_\_\_\_\_

6.4 Materials and machinery stored in an orderly manner?    \_\_\_\_\_

6.5 Areas within lot for recycling activities paved with concrete?    \_\_\_\_\_

6.6 Potential stagnant pools cleared and mosquito breeding prevented?    \_\_\_\_\_

6.7 Valid calibration certificate for any monitoring equipment?    Not provided

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

a) Storage area in compliance with the approved plan?    \_\_\_\_\_

b) Storage area is securely locked?    \_\_\_\_\_

c) Total storage capacity in compliance with relevant statutory requirement?    \_\_\_\_\_

d) Proper labelling provided?    \_\_\_\_\_

e) Dangerous goods properly packaged?    \_\_\_\_\_

**Remarks:**

**Follow-up from Previous Audits**

- Oil stain underneath a trailer at the Eastern Lot Boundary was partly cleaned and no further leakage was drained into the perimeter drain. The tenant was reminded to completely clean up the remaining stain and provide impervious sheeting underneath the trailer to avoid contamination to the ground and surrounding environment.



(Observed on 23 May 2019)



(Observed on 17 June 2019)



EcoPark Operation  
**SITE INSPECTION CHECKLIST**



New Observations

- No major environmental deficiency was observed.

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name: **May Wu**

Name: Terence Tsui

Name: *Martin Yu*

Date: 2019/06/17

Date: **-2 JUL 2019**

Date: **6 JUL 2019**

Date: 2019/06/24

## **Appendix 6.8**

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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:  Inspected by:   
 Lot Number:  Tenant:

**Weather**

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

**1. General**

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

**2. Water Quality**

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**3. Air Quality**

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

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

Liquid Waste Storage

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

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

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

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

**6. Others**

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

**Remarks:**

**Follow-up from Previous Audits**

- 1) The tenant has provided proper signage for the Chemical Waste Storage Area.



(Observed on 19 March 2019)



(Observed on 29 April 2019)

**New Observations**

- No major environmental deficiency was observed.

EcoPark Operation  
**SITE INSPECTION CHECKLIST**

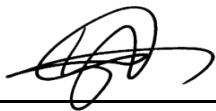
**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:



Name: Ronan CHAN

Name: May Wu

Name: FONG TSANG

Name:

Date: 2019/04/29

Date: 14 MAY 2019

Date: 5/14/2019

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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed



EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**3. Air Quality**

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**4. Waste / Chemical Management**

General

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

Packaging of Chemical Waste

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

Labelling of Chemical Waste

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

Storage of Chemical Waste

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

Liquid Waste Storage

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

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

	N/A	Yes	No	Remarks
5.1 Alert workers and visitors of possible LFG hazards?	<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 Observations**

- No major environmental deficiency was observed.

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name: May Wu

Name: Tony Tsai

Name: Martin Yu

Date: 2019/05/23

Date: 15 JUN 2019

Date: 17 Jun 2019

Date: 2019/5/30

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**Weather**

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

**1. General**

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

**2. Water Quality**

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**3. Air Quality**

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**4. Waste / Chemical Management**

General

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

Packaging of Chemical Waste

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

Labelling of Chemical Waste

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

Storage of Chemical Waste

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

Liquid Waste Storage

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

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

N/A Yes No Remarks

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

5.2 Smoking and open fires prohibited?

**6. Others**

N/A Yes No Remarks

6.1 Works confined within lot boundaries?

6.2 Damage to surrounding areas avoided?

6.3 Site lighting designed to avoid glare to surrounding receivers?

6.4 Materials and machinery stored in an orderly manner?

6.5 Areas within lot for recycling activities paved with concrete?

6.6 Potential stagnant pools cleared and mosquito breeding prevented?

6.7 Valid calibration certificate for any monitoring equipment?    Not required

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

a) Storage area in compliance with the approved plan?

b) Storage area is securely locked?

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

d) Proper labelling provided?

e) Dangerous goods properly packaged?

**Remarks:**

**New Observations**

- No major environmental deficiency was observed.

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name: May Wu

Name: TONY TSAI

Name:

Date: 2019/06/17

Date: -2 JUL 2019

Date: 3/7/19

Date:

## **Appendix 6.9**

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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 checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed.
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**3. Air Quality**

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



- 3.16 Truck loads to a level within the side and tail boards?    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
- 3.19 Shredding, crushing and sorting processes including CRT dismantling are carried out in enclosed structure(s)?

**4. Waste / Chemical Management**

General

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

Packaging of Chemical Waste

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

Labelling of Chemical Waste

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

Storage of Chemical Waste

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

Liquid Waste Storage

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

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

N/A Yes No Remarks

- 5.1 Alert workers and visitors of possible LFG hazards?    \_\_\_\_\_
- 5.2 Smoking and open fires prohibited?    \_\_\_\_\_

**6. Others**

N/A Yes No Remarks

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

**Remarks:**

New Observations

- No major environmental deficiency was observed.

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Ronan CHAN

Name May Wu

Name Eric Wong

Name:

Date: 2019/04/29

Date: 14 MAY 2019

Date: 14/05/2019

Date:

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**Weather**

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

**1. General**

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

**2. Water Quality**

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**3. Air Quality**

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



- 3.16 Truck loads to a level within the side and tail boards?    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
- 3.19 Shredding, crushing and sorting processes including CRT dismantling are carried out in enclosed structure(s)?

**4. Waste / Chemical Management**

General

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

Packaging of Chemical Waste

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

Labelling of Chemical Waste

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

Storage of Chemical Waste

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

Liquid Waste Storage

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

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

N/A Yes No Remarks

- 5.1 Alert workers and visitors of possible LFG hazards?    \_\_\_\_\_
- 5.2 Smoking and open fires prohibited?    \_\_\_\_\_

**6. Others**

N/A Yes No Remarks

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

**Remarks:**

New Observations

- No major environmental deficiency was observed.

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name: May Wu

Name: Eric Wong

Name: Martin Yu

Date: 2019/05/23

Date: 15 JUN 2019

Date: 19/06/2019

Date: 2019/5/30



EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**Weather**

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

**1. General**

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

**2. Water Quality**

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

**3. Air Quality**

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



- 3.16 Truck loads to a level within the side and tail boards?    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
- 3.19 Shredding, crushing and sorting processes including CRT dismantling are carried out in enclosed structure(s)?

**4. Waste / Chemical Management**

General

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

Packaging of Chemical Waste

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

Labelling of Chemical Waste

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

Storage of Chemical Waste

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

Liquid Waste Storage

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

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



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

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

N/A Yes No Remarks

- 5.1 Alert workers and visitors of possible LFG hazards?    \_\_\_\_\_
- 5.2 Smoking and open fires prohibited?    \_\_\_\_\_

**6. Others**

N/A Yes No Remarks

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

**Remarks:**

New Observations

- No major environmental deficiency was observed.

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name: May Wu  
- 2 JUL 2019

Name: Eric Wong

Name:

Date: 2019/06/17

Date:

Date: 05/07/2019

Date:

## **Appendix 6.10**

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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"/>	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 was observed

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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"/>	Via enclosure
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.11 Air pollution control system properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Via enclosure
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



- 3.16 Truck loads to a level within the side and tail boards?    Not observed
- 3.17 Stockpiles of dusty materials covered or regularly watered?    New Observation (1)
- 3.18 Major dust source(s):  Wind erosion  Vehicle/equipment movement
- Loading/unloading of materials  Others: Recycling operation

**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"/> | No chemical waste is observed |
| 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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
5.2 Smoking and open fires prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____

**6. Others**

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

**Remarks:**

**Follow-up from Previous Audits**

- 1) Rubbish in the perimeter drain along the southwestern boundary of the lot was cleared by the tenant.



(Observed on 19 March 2019)



(Observed on 29 April 2019)

EcoPark Operation  
**SITE INSPECTION CHECKLIST**

New Observations

- 1) Stockpile of earth material was exposed. The tenant was reminded to provide suitable measures to prevent potential dust dispersal. Rectification work was implemented by the tenant after the inspection on 29 April 2019. The status will be verified in the next inspection.



(Observed on 29 April 2019)



(On Fat Lung rectified on 29 April 2019)

**Signatures:**

ET Representative:



Name: Ronan CHAN

Date: 2019/04/29

Operator Representative:



Name: May Wu

Date: 14 MAY 2019

Tenant Representative:



Name: Kenny Kwan

Date: 15/5/19

IEC Representative:



Name: Martin Yu

Date: 29/4/2019

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"/>	No wastewater is generated from recycling process
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Adequate capacity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	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 was observed

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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"/>	No loading/unloading of dusty materials is observed
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.4 Dust monitoring record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Via enclosure
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.11 Air pollution control system properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Via enclosure
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



- 3.16 Truck loads to a level within the side and tail boards?    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"/>	No chemical waste is observed
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:**

EcoPark Operation  
**SITE INSPECTION CHECKLIST**

Follow-up from Previous Audits

- 1) Stockpile of earth material was provided with tarpaulin to prevent potential dust generation.



(On Fat Lung rectified on 29 April 2019)



(Observed on 23 May 2019)

**Signatures:**

ET Representative:



Name: Cindy KWOK

Date: 2019/05/23

Operator Representative:



Name: May Wu

Date: 15 JUN 2019

Tenant Representative:



Name: Mr. Kwan Wing On

Date: 18 Jun 2019

IEC Representative:



Name: Martin Yu

Date: 2019/5/30

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



EcoPark Operation  
**SITE INSPECTION CHECKLIST**



2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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"/>	Via enclosure
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.11 Air pollution control system properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Via enclosure
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



- 3.16 Truck loads to a level within the side and tail boards?    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"/> | No chemical waste is observed |
| 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"/> |  |

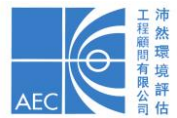
Storage of Chemical Waste

- |   |                                     |                          |                          |  |
|---|-------------------------------------|--------------------------|--------------------------|--|
| 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 Observations

- No major environmental deficiency was observed.

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name: May Wu

Name: Kenny Kwok

Name: Martin Yu

Date: 2019/06/17

Date: -2 JUL 2019

Date: 3 Jul 2019

Date: 2019/06/24

## **Appendix 6.11**

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

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 Audits**

**HKBRC**

- 1) The tenant was requested to provide hoarding along the site boundary.



(Observed on 19 March 2019)



(Observed on 29 April 2019)

- 2) Although open stockpile of dusty materials was not observed during site inspection, the tenant was also reminded to implement the required dust control measures and to notify the Authority for carrying out notifiable work in order to satisfy with the requirements stipulated in the Air Pollution Control Ordinance, in particular Air Pollution Control (Construction Dust) Regulation.



(Observed on 19 March 2019)



(Observed on 29 April 2019)

- 3) During site inspection, no temporary site drainage system was observed for collection and treatment of construction wastewater. The tenant should apply for a Discharge License under Water Pollution Control Ordinance (WPCO) and establish a construction site drainage system, including provision of wastewater treatment facilities, to ensure wastewater is treated effectively prior to discharge and compliance with WPCO.



(Observed on 19 March 2019)



(Observed on 29 April 2019)

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



**New Observation**

**HKBRC**

- No major environmental deficiency was observed.

**Baguio**

- No major environmental deficiency was observed.

**Other Areas**

- No major environmental deficiency was observed.

---

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Ronan CHAN

Name: May Wu

Name:

Name: Martin Yu

Date: 2019/04/29

Date: 14 MAY 2019

Date:

Date: 29/4/2019

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 Audits**

**HKBRC**

- 1) The tenant was requested to provide hoarding along the site boundary.



(Observed on 29 April 2019)



(Observed on 23 May 2019)

- 2) Although open stockpile of dusty materials was not observed during site inspection, the tenant was also reminded to implement the required dust control measures and to notify the Authority for carrying out notifiable work in order to satisfy with the requirements stipulated in the Air Pollution Control Ordinance, in particular Air Pollution Control (Construction Dust) Regulation.



(Observed on 29 April 2019)



(Observed on 23 May 2019)

- 3) During site inspection, no temporary site drainage system was observed for collection and treatment of construction wastewater. The tenant should apply for a Discharge License under Water Pollution Control Ordinance (WPCO) and establish a construction site drainage system, including provision of wastewater treatment facilities, to ensure wastewater is treated effectively prior to discharge and compliance with WPCO.



(Observed on 29 April 2019)



(Observed on 23 May 2019)

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



**New Observation**

**HKBRC**

- No major environmental deficiency was observed.

**Baguio**

- No major environmental deficiency was observed.

**Other Areas**

- No major environmental deficiency was observed.

---

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name:

May Wu  
15 JUN 2019

Name:

Name:

Martin Yu

Date: 2019/05/23

Date:

Date:

Date:

2019/5/30



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 Audits**

**HKBRC**

- 1) The tenant was requested to provide hoarding along the site boundary.



(Observed on 23 May 2019)



(Observed on 17 June 2019)

- 2) Although open stockpile of dusty materials was not observed during site inspection, the tenant was also reminded to implement the required dust control measures and to notify the Authority for carrying out notifiable work in order to satisfy with the requirements stipulated in the Air Pollution Control Ordinance, in particular Air Pollution Control (Construction Dust) Regulation.



(Observed on 23 May 2019)



(Observed on 17 June 2019)

- 3) During site inspection, no temporary site drainage system was observed for collection and treatment of construction wastewater. The tenant should apply for a Discharge License under Water Pollution Control Ordinance (WPCO) and establish a construction site drainage system, including provision of wastewater treatment facilities, to ensure wastewater is treated effectively prior to discharge and compliance with WPCO.



(Observed on 23 May 2019)



(Observed on 17 June 2019)

EcoPark Operation  
**SITE INSPECTION CHECKLIST**



**New Observation**

**HKBRC**

- No major environmental deficiency was observed.

**Baguio**

- No major environmental deficiency was observed.

**Other Areas**

- No major environmental deficiency was observed.

---

**Signatures:**

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Cindy KWOK

Name: May Wu

Name:

Name: Martin Yip

Date: 2019/06/17

Date: -2 JUL 2019

Date:

Date: 2019/06/24