

Issue No.: Issue 1
Issue Date: January 2023
Project No.: 1616



EcoPark Operation

Quarterly Environmental Monitoring & Audit Report (October – December 2022)

27/F, Overseas Trust Bank Building
160 Gloucester Road
Wan Chai
Hong Kong
T: +852 2815 7028
F: +852 2815 5399

www.asecg.com

Prepared By:

Allied Environmental Consultants Limited

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Allied Environmental Consultants Limited

Member of AEC Group (HKEX Stock Code: 8320.HK)

27/F, Overseas Trust Bank Building, 160 Gloucester Road, Wan Chai, Hong Kong

沛然環境評估工程顧問有限公司

沛然環保集團成員 (港交所股份代號: 8320.HK)

香港灣仔告士打道 160 號海外信託銀行大廈 27 樓

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Certified by:

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

Grace M. H. KWOK
Environmental Team Leader

Verified by:

A handwritten signature in black ink, appearing to be 'Y.T. TANG', written over a horizontal line.

Y.T. TANG
Independent Environmental Checker

Approved:

A handwritten signature in black ink, appearing to be 'Cary G.L. WAN', written over a horizontal line.

Cary G.L. WAN
Principal Environmental Protection Officer
Environmental Protection Department

This report has been prepared by Allied Environmental Consultants Limited with all reasonable skill, care and diligence within the terms of the Agreement with the client, incorporating our General Terms and Conditions of Business and taking account of the resources devoted to it by agreement with the client.

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Prepared By:

Allied Environmental Consultants Limited

COMMERCIAL-IN-CONFIDENCE

Author: Various

Checked:

A handwritten signature in black ink, appearing to be 'Joanne W. Y. NG'.

Joanne W. Y. NG
BSc(Hons) MSc MHKIEIA AHKIOA

Approved:

A handwritten signature in black ink, appearing to be 'Grace M. H. KWOK'.

Grace M. H. KWOK
BEng(Hons) MHKIEIA MHKIOA MIAIA
MRAPA MISWA BEAM Pro LEED Fellow
BREEAM AP FFHKIQEP CAP HKGBC
Faculty

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EXECUTIVE SUMMARY

General

EcoPark is a key element in the Government's waste management policy that aims at promoting the local recycling industry by providing long-term land at affordable rents, thereby encouraging investment in advanced technology and value-added recycling processes. EcoPark is being developed in two phases at site in Tuen Mun Area 38 as shown in **Figure 1-1**. The contract for the management of EcoPark – Contract No. *EP/SP/102/17 Provision of Management Services for EcoPark 2018* was awarded to Urban Property Management Limited (UPML) by Environmental Protection Department (EPD) effective from 30th October 2018. The contract for the management of EcoPark – Contract No. *EP/SP/218/21 Provision of Management Services for EcoPark 2022* was awarded to Urban Property Management Limited (UPML) by Environmental Protection Department (EPD) effective from 30th October 2022.

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/G).

This is the sixty-third (63rd) quarterly EM&A report prepared for the operation phase of EcoPark and covers the quarter from October to December 2022. In the reporting quarter, there were ten tenants in EcoPark Phase 1 and Phase 2, and one operator (Jardine Engineering Corporation Ltd.) at biochar production plant in Lots T8-T11 of EcoPark Phase 1, one operator (Alba Integrated Waste Solutions (Hong Kong) Ltd.) located at WEEE.PARK in Lots P2-P4 of EcoPark Phase 2, one operator (Organic Tech Ltd.) at bioconversion of organic waste plant in Lot P12b of EcoPark Phase 2 and one operator (The Hong Kong Polytechnic University) of biochar-enhanced construction materials plant at Lot P12a of EcoPark Phase 2. The details are provided as below:

Phase 1 tenants and operator comprise:

- Champway Technology Ltd. (Champway) – Waste cooking oil
- 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
- Biochar production plant operated by Jardine Engineering Corporation Ltd. (Jardine Engineering) – Waste wood

Phase 2 tenants and operators 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 and WEEE
- Chung Yue Steel Group Company Ltd. (Chung Yue) – Waste metals
- Hong Kong Battery Recycling Centre Ltd. (HKBRC) – Waste lead-acid batteries
- Hong Kong Zhou Ji Paper Industrial Limited (Zhou Ji) – Waste paper
- WEEE.PARK operated by Alba Integrated Waste Solutions (Hong Kong) Ltd. (Alba IWS) – WEEE

- Bioconversion of organic waste plant operated by Organic Tech Ltd. (Organic Tech) – Organic waste
- Biochar-enhanced construction materials plant operated by The Hong Kong Polytechnic University (PolyU) – Waste wood

Recycling activities of WEEE.PARK in Lots P2-P4 and the following nine active tenants were audited in the reporting quarter: Champway, HK Biomass, HP Telford, K. Wah, E. Tech, On Fat Lung, Chung Yue, HKBRC and Baguio. The lots operated by Organic Tech (i.e. Lot P12b), Jardine Engineering (i.e. Lots T8-T11), Zhou Ji (i.e. Lots P1,P5-P7) and Poly U (i.e. Lot P12a) were under preparatory works without any operation during the reporting quarter.

In this reporting quarter, site inspections were conducted by the Operator and the ET on 19th October, 21st November, and 20th December 2022. IEC also carried out random site audits on 19th October 2022 and 20th December 2022. A quarterly joint site inspection was carried out by the Operator, the IEC and the ET on 21st November 2022.

Throughput of Materials / Waste Generated

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

Material Type	Waste Input (tonne)	Product Output ⁽⁴⁾ (tonne)	Waste Disposed ⁽⁴⁾ (tonne)
Waste Organic Food	6,375	1,769	2,137
Waste Ferrous Metals	12,249	14,518	60
Waste Wood	239	135	-
Waste Electronics	4,046	3,569	566
Waste Plastics	925	730	174
Construction Waste	11,542	19,977	73
Waste Glass	1,448		
Waste Battery	70	-	-
Waste Rubber Tyres	243	290	-

Notes:

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

Exceedances of Any Measured Action / Limit Levels

The northern part of EcoPark is located within the 250m Landfill Gas (LFG) Consultation Zone of Shiu Lang Shui Landfill. LFG monitoring during this quarter was undertaken on 21st November 2022 at five locations (three in Phase 1 and two in Phase 2). No exceedance of Action or Limit Level was recorded in the reporting quarter.

Summary of Complaints, Summons and Prosecutions

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

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

Reporting Changes

There is no change in the reporting quarter.

Process Review and Design Audit

In the reporting period, neither process review nor DA were approved.

Future Key Issues

No key issues are anticipated in the next reporting quarter.

1 PROJECT BACKGROUND

1.1 Project Overview

- 1.1.1 In the document "A Policy Framework for the Management of Municipal Solid Waste (2005 –2014)", the government set out a comprehensive policy to support the recycling industry. This included allocating suitable land, encouraging research and development, introducing environmental legislation and providing effective support measures. In May 2013, the Environment Bureau launched "Hong Kong Blueprint for Sustainable Use of Resources 2013 – 2022", which promised continuing support for the recycling industry.
- 1.1.2 EcoPark was developed to support the local recycling industry by providing long-term land at affordable rents, thereby encouraging investment in advanced technology and value-added recycling processes.
- 1.1.3 EcoPark, as shown in **Figure 1-1**, has been developed in Tuen Mun Area 38 in two phases (Phase 1 and Phase 2) under Contract *EP/SP/52/06 Development of EcoPark in Tuen Mun Area 38*, which was awarded to Kaden Construction Ltd by the Environmental Protection Department (EPD) in June 2006. Phase 1 construction was completed in July 2009 and Phase 2 construction was completed in November 2010.
- 1.1.4 The contract for the management of EcoPark – Contract No. *EP/SP/102/17 Provision of Management Services for EcoPark 2018* was awarded to Urban Property Management Limited (UPML) by Environmental Protection Department (EPD) effective from 30th October 2018.
- 1.1.5 The contract for the management of EcoPark – Contract No. *EP/SP/218/21 Provision of Management Services for EcoPark 2022* was awarded to Urban Property Management Limited (UPML) by Environmental Protection Department (EPD) effective from 30th October 2022.
- 1.1.6 *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/G).*
- 1.1.7 *Ove Arup & Partners Hong Kong Ltd. (Arup) has been appointed by the EPD as the Independent Environmental Checker (IEC) for the Project and ended on 29th October 2022. AECOM Asia Company Limited (AECOM) has been appointed by the EPD as the Independent Environmental Checker (IEC) starting on 30th October 2022.*
- 1.1.8 *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 ten tenants in EcoPark, one operator of WEEE.PARK, one operator of bioconversion of organic waste plant, one operator of biochar production plant and one operator of biochar-enhanced construction materials plant:

- Alba Integrated Waste Solutions (Hong Kong) Ltd. (Alba IWS) for WEEE.PARK, and nine active tenants (Champway, HK Biomass, HP Telford, Chung Yue, K.Wah, E. Tech, On Fat Lung, HKBRC and Baguio) who have carried out full recycling operations;
- Organic Tech Ltd. (Organic Tech) for bioconversion of organic waste plant was under machinery plant installation during the reporting quarter.
- Hong Kong Zhou Ji Paper Industrial Limited (Zhou Ji) for the waste paper recycling was under site preparation works during the reporting quarter.
- Biochar production plant operated by Jardine Engineering Corporation Ltd. (Jardine Engineering) for the waste wood recycling was under site preparation during the reporting quarter.
- Biochar-enhanced construction materials plant operated by The Hong Kong Polytechnic University (PolyU) for the waste wood recycling was under site preparation during the reporting quarter.

1.3 Project Organisation and Contact Personnel

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

Table 1.1 EM&A Personnel Contact Details

Position	Name	Email Address	Phone No.
<i>Project Proponent – EPD</i>			
Principal EPO	Ms. Cary G. L. WAN	carywan@epd.gov.hk	3741 1427
<i>Operator – UPML</i>			
Project Manager	Ms. Raindy YIP	raindy.py.yip@urban.com.hk	2212 5900
Park Manager	Ms. Y. H. WONG	eunice.yh.wong@emo.urban.com.hk	2212 5920
<i>IEC – Ove Arup / AECOM</i>			
Former IEC	Mr. Franki C.K. CHIU	franki.chiu@arup.com	2268 3207
IEC	Mr. Y.T TANG	yt.tang@aecom.com	3922 9393
<i>ET – AEC</i>			
ET Leader	Ms. Grace KWOK	gk@aechk.com	2815 7028

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

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

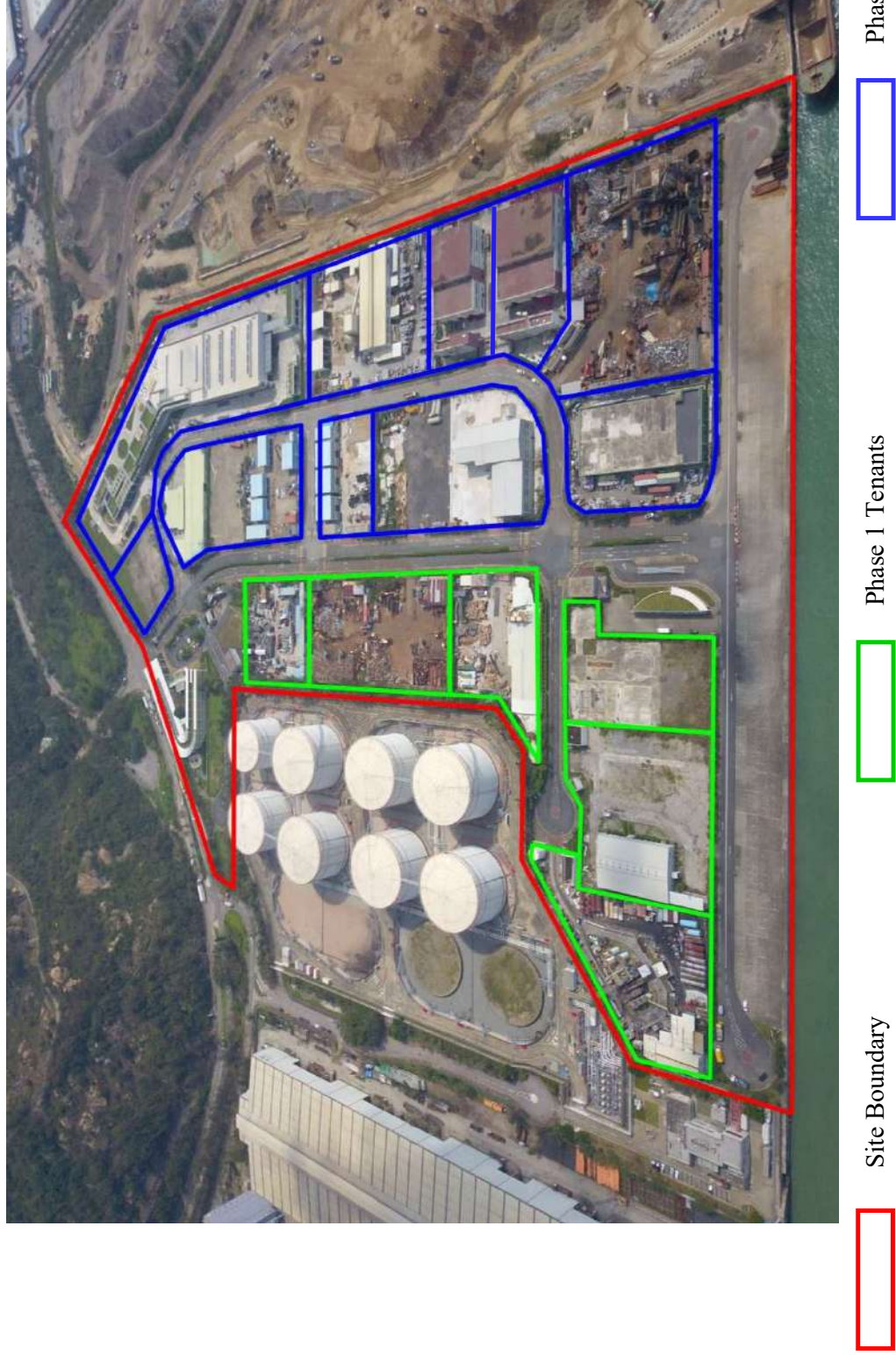
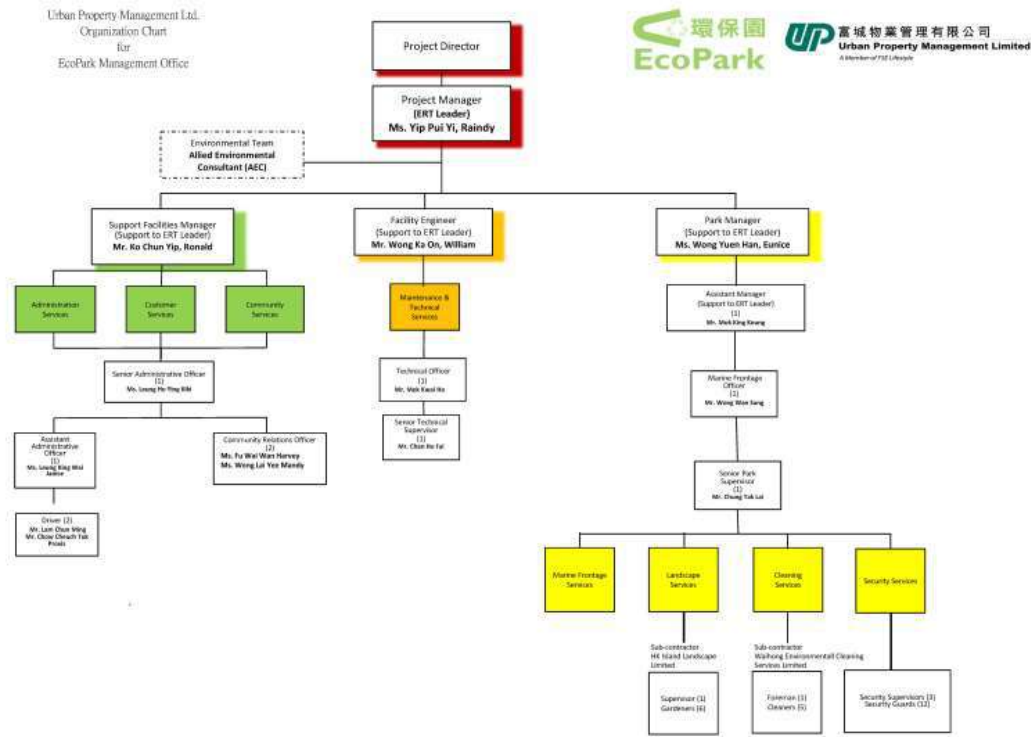
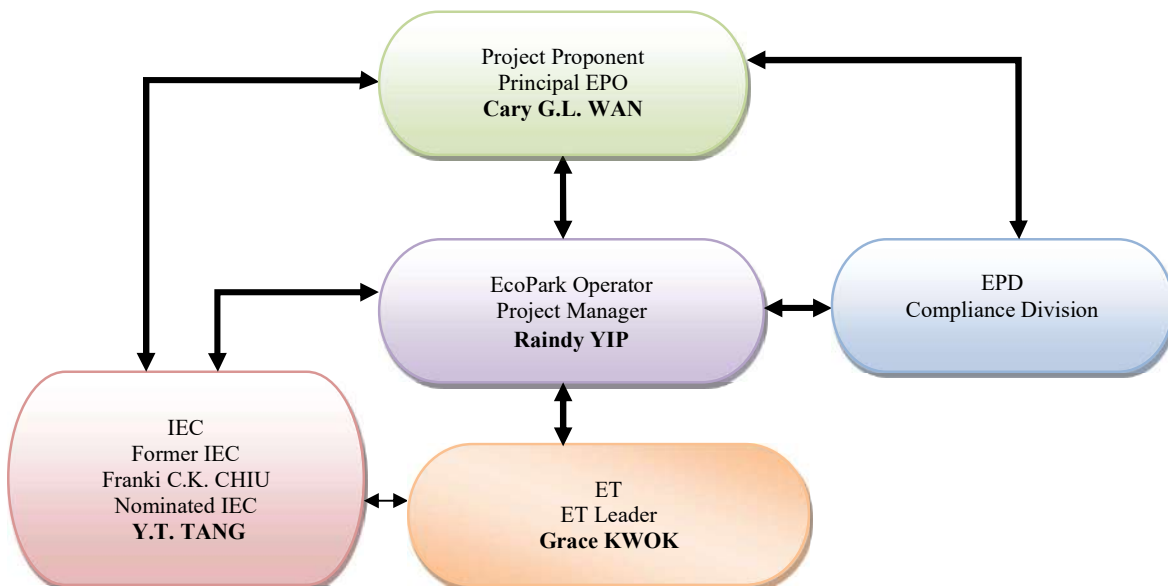


Figure 1-2 Organisation Chart of UPML



Updated on 11/1/2023

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



2 SUMMARY OF EM&A REQUIREMENT

2.1 Monitoring Parameters

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

Table 2.1 Operation Phase LFG Monitoring Locations in EcoPark

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

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

2.2 Environmental Quality Performance Limits and EAP

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

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

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

2.3 Environmental Audit of Non-Monitored Parameters

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

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

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

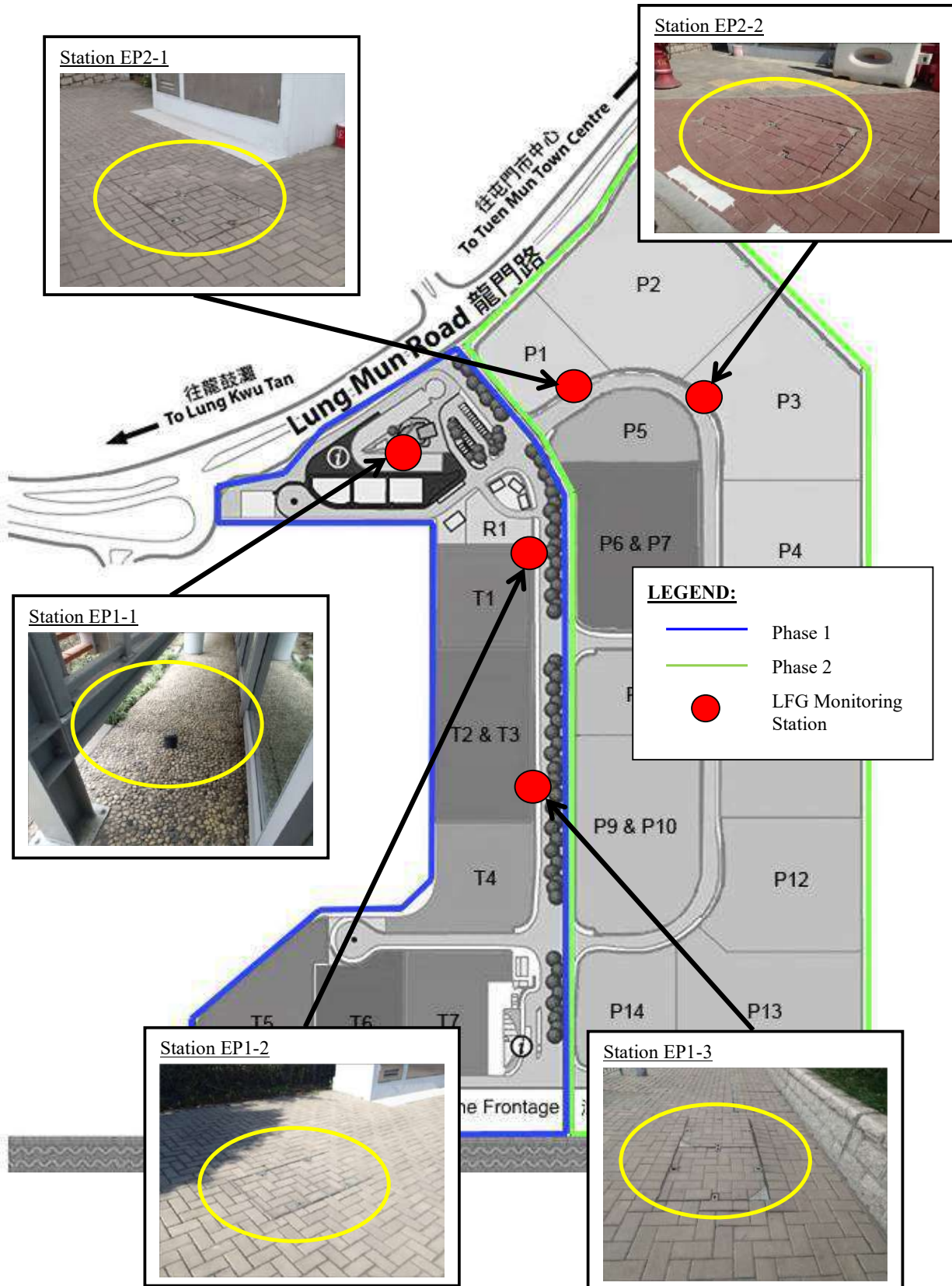
2.4 Environmental Mitigation Measures

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

2.5 Environmental Requirements in Tenancy Agreements

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

Figure 2-1 LFG Monitoring Locations within EcoPark



3 OPERATION STATUS

3.1 General

3.1.1 The location of lots within EcoPark, the current usage and tenant names are shown in *Figure 3-1*. A summary of waste throughputs is provided in *Section 3.12*. Brief descriptions of the active tenants and operators are provided from *Sections 3.2 to 3.11*.

3.1.2 In the reporting quarter:

- Operator of Lots T8-T11 (Jardine Engineering), Operator of Lots P1, P5- P7 (Zhou Ji) and Operator of Lot 12a (PolyU) were under preparatory works without any site operation.
- Operator of Lot P12b (Organic Tech) was under machinery plant installation during the reporting quarter.

3.2 Champway Technology Limited

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

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

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

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

3.3.1 In this reporting quarter, waste wood was recycled.

3.4 HP Telford Envirotech Group Limited

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

3.4.1 In this reporting quarter, waste plastics were recycled.

3.5 Chung Yue Steel Group Company Limited

- **Lot No.:** P13 (Phase 2)
- **Lot Size:** Approx. 10,000 m²
- **Activity:** Recycling of Waste Metals
- **Recycling Process:** Turn waste metals into non-ferrous scrap, light ferrous scrap and heavy ferrous scrap by sorting, baling and shearing.

3.5.1 In this reporting quarter, waste metals were recycled.

3.6 K. Wah Construction Products Ltd.

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

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

3.7 WEEE.PARK

- **Lot No.:** P2, P3, P4 (Phase 2)
- **Lot Size:** Approx. 30,000 m²
- **Activity:** Recycling of WEEE
- **Recycling Process:** Four major types of WEEE (i.e. refrigerator and freezers, air conditioners, e-scrap, TV and computer screens) will be recycled. The recycling processes include separation of insulation/backlighting/plastics/various metals, recovery of screen/monitor stand/refrigerant/oil/hazardous materials, and shredding of casing.

3.7.1 In this reporting quarter, WEEE was recycled.

3.8 On Fat Lung Innovative Resources Ltd.

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

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

3.9 E. Tech Management (HK) Limited

- **Lot No.:** P14 (Phase 2)
- **Lot Size:** Approx. 5,000m²
- **Activity:** Recycling of WEEE
- **Recycling Process:** CRT, computer/electronics, white goods and florescent lamps will be recycled. The recycling processes include testing and dismantling of components, repair of refurbished equipment, sorting for reusable components and shredding for scrap.

3.9.1 In this reporting quarter, WEEE was recycled.

3.10 Hong Kong Battery Recycling Centre (HKBRC) Limited

- **Lot No.:** P9 & P10 (Phase 2)
- **Lot Size:** Approx. 10,000m²
- **Activity:** Waste Lead Acid Batteries
- **Recycling Process:** The recycling process involves extraction of lead from spent batteries, secondary lead smelting and refining to produce lead ingots as the end product.

3.10.1 In this reporting quarter, waste lead acid batteries were recycled.

3.11 Baguio Waste Management & Recycling Limited

- **Lot No.:** T6 (Phase 1)
- **Lot Size:** Approx. 6,500m²
- **Activity:** Recycling of Waste Plastics
- **Recycling Process:** Sorting, shredding, washing and extrusion

3.11.1 In this reporting quarter, waste plastics were recycled.

3.12 Throughput Statistics

3.12.1 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 and biodiesel from Champway were delivered by both marine and land transportation.

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

Table 3.1 Throughput Statistics for the Reporting Quarter

Material Type	Waste Input (tonne)	Product Output ⁽⁴⁾ (tonne)	Waste Disposed ⁽⁴⁾ (tonne)
Waste Organic Food	6,375	1,769	2,137
Waste Ferrous Metals	12,249	14,518	60
Waste Wood	239	135	-
Waste Electronics	4,046	3,569	566
Waste Plastics	925	730	174
Construction Waste	11,542	19,977	73
Waste Glass	1,448		
Waste Battery	70	-	-
Waste Rubber Tyres	243	290	-

Notes:

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

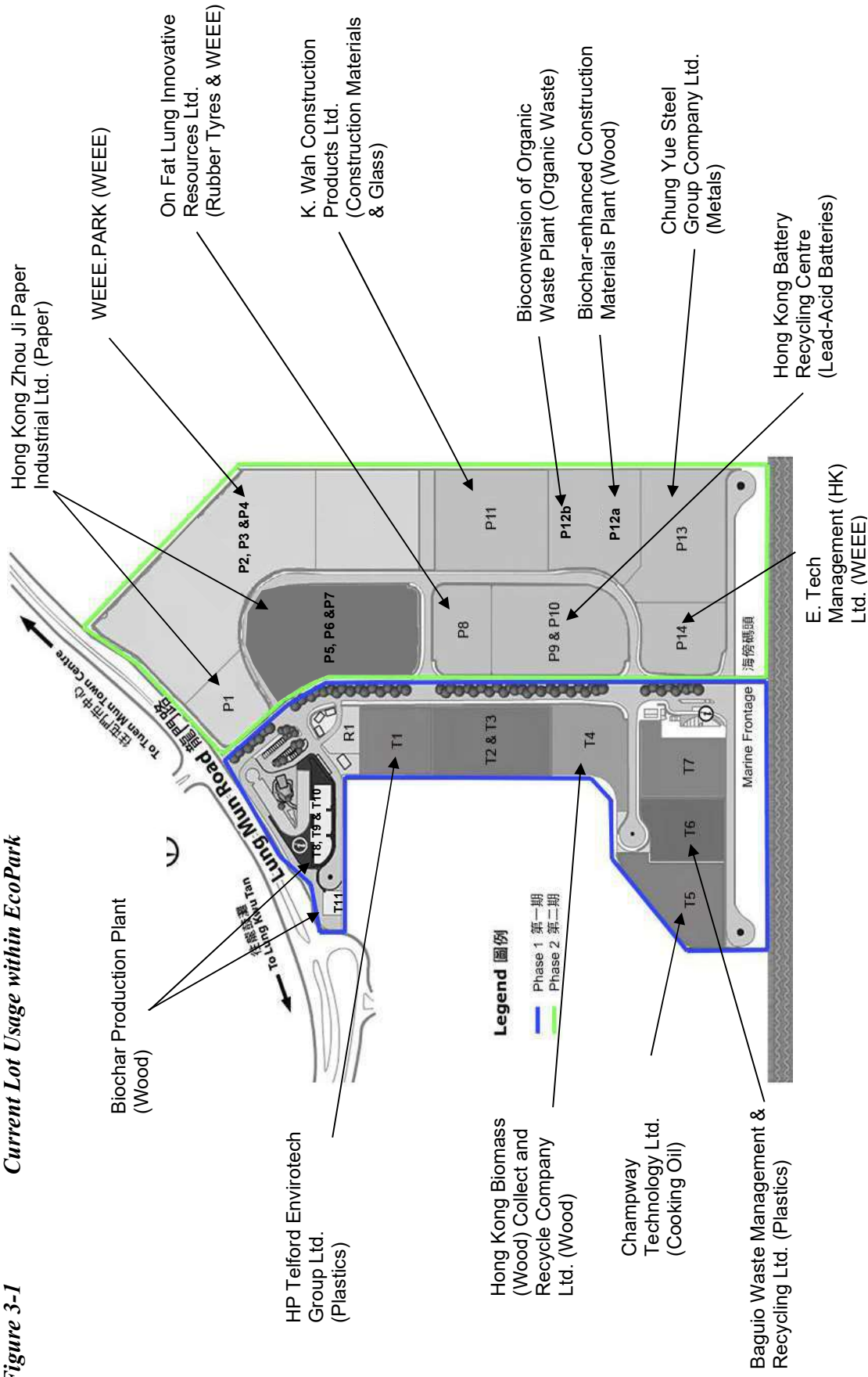
3.12.3 Detailed throughput figures of the reporting quarter are provided in **Appendix 3.1**. Updated throughput figures of the previous months based on the latest available data, and the updates to the throughput figures from the previous quarter are not significant. The throughput figures are provided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

3.13 Process Review

3.13.1 Process Review, and possibly 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.

Since 2008, twenty eight process reviews and four DAs had been approved. Among those, fifteen process reviews and three DAs are related to the current recycling processes in EcoPark as of December 2022. In the reporting period, neither process review nor DA were approved.

Figure 3-1 Current Lot Usage within EcoPark



4 IMPLEMENTATION STATUS OF ENVIRONMENTAL PROTECTION MEASURES

- 4.1.1 Environmental mitigation measures applicable to the operation phase EM&A as stated in the implementation schedule are summarised in *Appendix 1*. Environmental requirements specified in tenancy agreements are summarised in *Appendix 2*. The implementation status of the environmental requirements for tenants are summarised in the site inspection checklist, in *Appendix 6*.
- 4.1.2 By December 2022, WEEE.PARK and nine active tenants (Champway, HK Biomass, HP Telford, K. Wah, E. Tech, Chung Yue, On Fat Lung, HKBRC and Baguio) 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 21st November 2022. 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	21 st November 2022	09:55 – 09:57	2 minutes	24°C	Sunny
EP1-2		10:20 – 10:22	2 minutes	24°C	Sunny
EP1-3		10:15 – 10:17	2 minutes	24°C	Sunny
EP2-1		10:00 – 10:02	2 minutes	24°C	Sunny
EP2-2		10:08 – 10:10	2 minutes	24°C	Sunny

5.2 Monitoring Methodology, Parameters and Equipment

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

Table 5.2 Parameters and Measurement Ranges for LFG Monitoring

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

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

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

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

5.3 Results and Graphical Plots of Monitoring Parameters

- 5.3.1 RKI Instruments EAGLE 2 Gas Detector (serial number E2F694) was used for LFG measurements. The gas analyser is calibrated every year. *Appendix 4* presents the calibration records of the monitoring equipment.
- 5.3.2 LFG monitoring results are summarised in *Table 5.3* and compared with the Action and Limit Levels tabulated in *Table 2.2*. Graphical plots of the monitoring results are also provided in *Appendix 5*.

Table 5.3 Quarterly LFG Monitoring Results in the Reporting Quarter

Station ID	Sampling Date	Monitoring Results				
		Methane (% v/v)	Methane (% LEL)	Oxygen (% v/v)	Carbon Dioxide (% v/v)	Barometric Pressure (mBar)
EP1-1	21 st November 2022	0.0	1.0	20.9	0	1014
EP1-2		0.0	0.0	20.9	0	1014
EP1-3		0.0	0.0	20.5	0	1014
EP2-1		0.0	0.0	20.9	0	1014
EP2-2		0.0	0.0	20.6	0	1014

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

6 SUMMARY OF ENVIRONMENTAL AUDIT

6.1 General

- 6.1.1 In the reporting quarter, WEEE.PARK, and nine 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 19th October, 21st November, and 20th December 2022. IEC random site audits were also carried out on 19th October and 20th December 2022. A quarterly joint site inspection was carried out by the Operator, the IEC and the ET on 21st November 2022. 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>			
None			
<i>Observations From This Reporting Quarter</i>			
19 th Oct 2022	No new critical issue was identified.		
21 st Nov 2022	No new critical issue was identified.		
20 th Dec 2022	During the monthly site inspection on 20 th December 2022, it is observed that the grease trap is under maintenance and temporary mitigation measure has been adopted, e.g. pumping the wastewater to the oil interceptor treatment facility. It is observed the submersible slurry pump was broken and the wastewater treatment facility overflowed.	The tenant have been required to review the maintenance process and maintain the temporary treatment facility in operation.	This item will be re-inspected in the coming next month's site inspection.

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

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

Table 6.2 Environmental Audit Findings for HK Biomass

Date	Item	Comment	Status
<i>Observations From Previous Reporting Quarters</i>			
None			
<i>Observations From This Reporting Quarter</i>			
19 th Oct 2022		No new critical issue was identified.	
21 st Nov 2022		No new critical issue was identified.	
20 th Dec 2022		No new critical issue was identified.	

6.4 HP Telford Envirotech Group Limited

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

Table 6.3 Environmental Audit Findings for HP Telford

Date	Item	Comment	Status
<i>Observations From Previous Reporting Quarters</i>			
None			
<i>Observations From This Reporting Quarter</i>			
19 th Oct 2022		No new critical issue was identified.	
21 st Nov 2022		No new critical issue was identified.	
20 th Dec 2022		No new critical issue was identified.	

6.5 Chung Yue Steel Group Company Limited

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

Table 6.4 Environmental Audit Findings for Chung Yue

Date	Item	Comment	Status
<i>Observations From Previous Reporting Quarters</i>			
None			
<i>Observations From This Reporting Quarter</i>			
19 th Oct 2022	No new critical issue was identified.		
21 st Nov 2022	No new critical issue was identified.		
20 th Dec 2022	No new critical issue was identified.		

6.6 K.Wah Construction Products Limited

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

Table 6.5 Environmental Audit Findings for K.Wah

Date	Item	Comment	Status
<i>Observations From Previous Reporting Quarters</i>			
None			
<i>Observations From This Reporting Quarter</i>			
19 th Oct 2022	During the monthly site walk inspection, it is noted that 24-hour RSP level was observed to have reached 102 µg/m ³ on 16 th September 2022, 208 µg/m ³ on 22 th September 2022 and 334 µg/m ³ on 28 th September 2022, which exceeds the action level for 24-hour RSP monitoring, as stipulated in the SP license (i.e. 100 µg/m ³).	It is noted that there are no further exceedances of 24-hour RSP level in October 2022. The Tuen Mun fill bank is observed to remain at a high level which may have contributed to the high 24-hour RSP level.	The tenant has been requested to further strength mitigation measures such as increasing the frequency of water spraying to minimize dust emissions. This item will be reviewed in the next inspection.

Date	Item	Comment	Status
21 st Nov 2022	During the monthly site walk inspection, It is noted that there are no further exceedances of the 24-hour RSP level recorded in October 2022. However, the 24-hour RSP level was observed to have reached 103 µg/m ³ on 15 th November 2022, which exceeds the action level for 24-hour RSP monitoring, as stipulated in the SP license (i.e. 100 µg/m ³).	The Tuen Mun fill bank is observed to remain at a high level which may have contributed to the high 24-hour RSP level.	It is also observed that the tenant installed an additional set of dust suppression systems for the storage area. Besides that, the tenant has also been requested to strengthen further mitigation measures such as increasing the frequency of water spraying to minimize dust emissions. This item will be reviewed in the next inspection.
20 th Dec 2022	During the monthly site walk inspection, It is noted that there the 24-hour RSP level was observed to have reached 103 µg/m ³ on 15 th November 2022, which exceeds the action level for 24-hour RSP monitoring, as stipulated in the SP license (i.e. 100 µg/m ³).	The Tuen Mun fill bank is observed to remain at a high level which may have contributed to the high 24-hour RSP level.	It is also observed that the tenant installed an additional set of dust suppression systems for the storage area. Besides that, the tenant has also been requested to strengthen further mitigation measures such as increasing the frequency of water spraying to minimize dust emissions. This item will be reviewed in the next inspection.

6.7 E. Tech Management (HK) Limited.

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

Table 6.6 Environmental Audit Findings for E. Tech

Date	Item	Comment	Status
<i>Observations From Previous Reporting Quarters</i>			
None			
<i>Observations From This Reporting Quarter</i>			
19 th Oct 2022	No new critical issue was identified.		
21 st Nov 2022	No new critical issue was identified.		
20 th Dec 2022	No new critical issue was identified.		

6.8 WEEE.PARK

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

Table 6.7 Environmental Audit Findings for WEEE.PARK

Date	Item	Comment	Status
<i>Observations From Previous Reporting Quarters</i>			
None			
<i>Observations From This Reporting Quarter</i>			
19 th Oct 2022		No new critical issue was identified.	
21 st Nov 2022		No new critical issue was identified.	
20 th Dec 2022		No new critical issue was identified.	

6.9 On Fat Lung Innovative Resources Limited

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

Table 6.8 Environmental Audit Findings for On Fat Lung

Date	Item	Comment	Status
<i>Observations From Previous Reporting Quarters</i>			
None			
<i>Observations From This Reporting Quarter</i>			
19 th Oct 2022		No new critical issue was identified.	
21 st Nov 2022		No new critical issue was identified.	
20 th Dec 2022		No new critical issue was identified.	

6.10 Hong Kong Battery Recycling Centre Limited

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

Table 6.9 Environmental Audit Findings for HKBRC

Date	Item	Comment	Status
<i>Observations From Previous Reporting Quarters</i>			
None			
<i>Observations From This Reporting Quarter</i>			
19 th Oct 2022		No new critical issue was identified.	
21 st Nov 2022		No new critical issue was identified.	
20 th Dec 2022		No new critical issue was identified.	

6.11 Baguio Waste Management & Recycling Limited

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

Table 6.10 Environmental Audit Findings for Baguio

Date	Item	Comment	Status
<i>Observations From Previous Reporting Quarters</i>			
None			
<i>Observations From This Reporting Quarter</i>			
19 th Oct 2022		No new critical issue was identified.	
21 st Nov 2022		No new critical issue was identified.	
20 th Dec 2022		No new critical issue was identified.	

6.12 General Condition of EcoPark

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

Table 6.11 General EcoPark Audit Findings

Date	Item	Comment	Status
<i>Observations From Previous Reporting Quarters</i>			
None			
<i>Observations From This Reporting Quarter</i>			
19 th Oct 2022		No new critical issue was identified.	
21 st Nov 2022		No new critical issue was identified.	
20 th Dec 2022		No new critical issue was identified.	

7 ENVIRONMENTAL COMPLAINTS, NOTIFICATION OF SUMMONS AND SUCCESSFUL PROSECUTION

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

7.1.1 By the end of December 2022, no complaint or notification of summon related to recycling activities was received in this reporting quarter.

7.1.2 A successful prosecution record was referred by the Project Proponent on 10th October 2022 regarding the exceedance of discharge limit at Champway. One of the determinants in the water sample collected on 17th December 2021, BOD5, exceed the limit as allowed under its WPCO licence. Details are provided in *Appendix 7*.

7.1.3 A joint site inspection with Eco Park Operator, IEC and ET was conducted on 19th October 2022 at Champway Technology Ltd. (Lot T5). During the joint site inspection, no environmental defiance on wastewater handling was recorded. After checking the bi-monthly sampling reports provided by the tenant, all testing parameters complied with the limit specified in the discharge license under the WPCO, no exceedance record was observed since the successful prosecution in December 2021. Meanwhile, the tenant was reminded to review the wastewater treatment procedures and the performance of the wastewater treatment facility. The tenant also has been recommended to increase the cleaning frequency of the grease traps.

8 CONCLUSIONS

- 8.1.1 This is the sixty-third (63rd) quarterly EM&A report prepared for the operation phase of EcoPark and covers the reporting quarter from October to December 2022. The recycling activities are audited on a monthly basis and the results are summarised in this report. In the reporting quarter, there were ten tenants, one operator located at WEEE.PARK, one operator at biochar production plant, one operator at bioconversion of organic waste plant and one operator at biochar-enhanced construction materials plant in EcoPark Phase 1 and 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 nine active tenants in the reporting quarter are summarised in **Table 8.1**. Please note that product output plus waste disposal do not necessarily equal the waste input, due to material losses during processing and material retained within the lots.

Table 8.1 Throughput Statistics for the Reporting Quarter

Material Type	Waste Input (tonne)	Product Output ⁽⁴⁾ (tonne)	Waste Disposed ⁽⁴⁾ (tonne)
Waste Organic Food	6,375	1,769	2,137
Waste Ferrous Metals	12,249	14,518	60
Waste Wood	239	135	-
Waste Electronics	4,046	3,569	566
Waste Plastics	925	730	174
Construction Waste	11,542	19,977	73
Waste Glass	1,448		
Waste Battery	70	-	-
Waste Rubber Tyres	243	290	-

Notes:

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

- 8.1.4 LFG monitoring during the reporting quarter was undertaken on 21st November 2022 at five locations (three in Phase 1 and two in Phase 2). No exceedance of Action or Limit Level was recorded in the reporting quarter.

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

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

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

Appendix 1

Environmental Mitigation Measures
(from the Implementation Schedule)

EIA Ref.	EM&A Ref.	Environmental Protection Measures Identified in the Implementation Schedule that are Applicable to the Operation Phase of EcoPark	Location / Duration of Measures / Timing of Completion of Measures	Implementation Agent	Relevant Legislation and Guidelines	Implementation Status (✓ – Implemented; X – Not Implemented; / - To Be Implemented)
<i>General</i>						
5.5.23 to 5.5.25, 10.2.24 & 10.2.37	4.2.5 to 4.2.8	The Operator shall develop and implement an Emergency Response Plan (ERP) that lists the procedures to be followed in case of fire, fuel or chemical spillage or other emergency within the EcoPark.	Throughout the duration of the operation.	Operator		✓
12.2	7.2	No process shall be allowed to operate within EcoPark without approval from WFBU. Approval will be based on the ten-step Process Review, which may include a Design Audit if deemed to be necessary.	Throughout the duration of the operation.	ET IEC Project Proponent		✓
	8.1.2	All reports (including Process Review Checklists and any Design Audits) shall be prepared and certified by the ET, verified by the IEC and approved by the Project Proponent.	Throughout the duration of construction works until construction is substantially completed. Throughout the duration of the operation.	ET IEC Project Proponent		✓
12.3	7.3	The Operator shall prepare and implement an Environmental Management Plan (EMP) to define mechanisms for achieving the environmental	Throughout the duration of the operation.	Operator		✓

EIA Ref.	EM&A Ref.	Environmental Protection Measures Identified in the Implementation Schedule that are Applicable to the Operation Phase of EcoPark	Location / Duration of Measures / Timing of Completion of Measures	Implementation Agent	Relevant Legislation and Guidelines	Implementation Status (✓ – Implemented; X – Not Implemented; / – To Be Implemented)
		requirements specified in the EIA, EP and in statutory regulations.				
<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	/
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		✓

EIA Ref.	EM&A Ref.	Environmental Protection Measures Identified in the Implementation Schedule that are Applicable to the Operation Phase of EcoPark	Location / Duration of Measures / Timing of Completion of Measures	Implementation Agent	Relevant Legislation and Guidelines	Implementation Status (✓ – Implemented; X – Not Implemented; / - To Be Implemented)
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	Implementation Status (✓ – Implemented; X – Not Implemented; / – To Be Implemented)
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		✓

EIA Ref.	EM&A Ref.	Environmental Protection Measures Identified in the Implementation Schedule that are Applicable to the Operation Phase of EcoPark	Location / Duration of Measures / Timing of Completion of Measures	Implementation Agent	Relevant Legislation and Guidelines	Implementation Status (✓ – Implemented; X – Not Implemented; / - To Be Implemented)
7.3.5	5.3.2	<p>During operation, the greatest risk of land contamination will come from storage of chemical wastes, therefore the measures should be followed :</p> <ul style="list-style-type: none"> 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. Chemical wastes will be collected, stored and disposed of in accordance with the Regulation. Disposal of other construction waste will be undertaken by licensed contractors in accordance with applicable statutory requirements in the WDO. Chemical wastes shall be handled according to the relevant code of practice. Spent chemicals shall be stored and collected by an approved operator for disposal at a licensed facility in accordance with the relevant regulation. 	Within EcoPark throughout the life of the facility.	Operator		<p>✓</p> <p>✓</p> <p>✓</p>

EIA Ref.	EM&A Ref.	Environmental Protection Measures Identified in the Implementation Schedule that are Applicable to the Operation Phase of EcoPark	Location / Duration of Measures / Timing of Completion of Measures	Implementation Agent	Relevant Legislation and Guidelines	Implementation Status (✓ - Implemented; X - Not Implemented; / - To Be Implemented)
<i>Landfill Gas</i>						
8.7.10 & 8.7.11	6.1.2	<ul style="list-style-type: none"> • Alert workers and visitors of possible LFG hazards • Prohibit smoking and open fires on site • Conduct regular (quarterly) LFG monitoring at mobile offices, equipment stores, etc. 	Within EcoPark throughout the life of the facility.	Operator		✓
	6.4.3	Following construction, routine monthly monitoring may be required at service voids and utility boxes. The monitoring requirement and specific locations of monitoring points shall be established based on the findings of the monitoring carried out during construction (i.e. if no LFG is detected during construction then no routine monitoring is required). The need for continued monitoring shall, however, be reviewed through discussion with EPD.	Within EcoPark throughout the life of the facility.	Operator		✓
<i>Hazard to Life</i>						
10.4.3		Building height limit within EcoPark shall be applied to structures within which people may work at elevated levels.	Within EcoPark throughout the life of the facility.	Operator	EIA Report Table 10.2	✓
<i>Landscape and Visual</i>						
9.4.4		It recommended that this commonality be promoted throughout EcoPark by the Operator and adopted by tenants, if practicable.	Within EcoPark throughout the life of the facility.	Operator		✓

Appendix 2

Environmental Requirements in Tenancy Agreements

Compliance of Environmental Legislation

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

Air Pollution

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

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

Water Pollution

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

Waste Management

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

Noise Pollution

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

Landfill Gas Hazard

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

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

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

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

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

Hazard to Life Impact

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

Landscape and Visual Impacts

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

Environmental Permits Relating to EcoPark

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

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

Appendix 3

Material and Waste Throughputs

Appendix 3.1

Material and Waste Throughputs of the Reporting Quarter

Table A3.1-1 Recycling of Waste Organic Food

Date	Waste Input (tonne)	Product Output (tonne)	Waste Disposal (tonne)
October 2022	2,893	905	955
November 2022	3,482	864	1,182
December 2022	n/a	n/a	n/a

Table A3.1-2 Recycling of Waste Ferrous Metals

Date	Waste Input (tonne)	Product Output (tonne)	Waste Disposal (tonne)
October 2022	6,090	3,075	30
November 2022	6,159	11,443	30
December 2022	n/a	n/a	n/a

Table A3.1-3 Recycling of Waste Wood

Date	Waste Input (tonne)	Product Output (tonne)	Waste Disposal (tonne)
October 2022	158	94	n/a
November 2022	81	41	n/a
December 2022	n/a	n/a	n/a

Table A3.1-4 Recycling of Waste Electronics

Date	Waste Input (tonne)	Product Output (tonne)	Waste Disposal (tonne)
October 2022	2,068	1,805	306
November 2022	1,978	1,764	260
December 2022	n/a	n/a	n/a

Table A3.1-5 Recycling of Waste Plastics

Date	Waste Input (tonne)	Product Output (tonne)	Waste Disposal (tonne)
October 2022	626	553	82
November 2022	299	177	92
December 2022	n/a	n/a	n/a

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

Date	Waste Input (tonne)		Product Output ⁽⁴⁾ (tonne)	Waste Disposal ⁽⁴⁾ (tonne)
	Construction Waste	Glass		
October 2022	6,234	798	10,695	42
November 2022	5,308	650	9,282	31
December 2022	n/a	n/a	n/a	n/a

Table A3.1-7 Recycling of Waste Rubber Tyres

Date	Waste Input (tonne)	Product Output (tonne)	Waste Disposal (tonne)
October 2022	129	129	-
November 2022	114	160	-
December 2022	n/a	n/a	n/a

Table A3.1-8 Recycling of Waste Battery

Date	Waste Input (tonne)	Product Output (tonne)	Waste Disposal (tonne)
October 2022	70	n/a	n/a
November 2022	n/a	n/a	n/a
December 2022	n/a	n/a	n/a

Notes:

- 1) The throughput data presented in Tables A3.1-1 to A3.1-8 has been rounded off to the nearest whole tonne for presentation.
- 2) The total product output may not be the same as the waste input due to processing of materials that were received before the reporting quarter and were stored within the lots.
- 3) Waste disposal refers to the disposal of general refuse (i.e. packaging) and/or chemical waste.
- 4) Since the recycling of waste glass and construction waste is combined to produce concrete block at K.Wah, the product output and waste disposal from both processes are combined.
- 5) The presented throughput is the best available data.
- 6) “-” in the column of waste disposal denotes zero quantity; while “n/a” denotes unavailable information at the time of report preparation.

Appendix 3.2

Updates of Previously-Reported Material and Waste Throughputs

Table A3.2-1 Recycling of Waste Organic Food

Date	Waste Input (tonne)	Product Output (tonne)	Waste Disposal (tonne)
July 2022	2,655	1,022	924
August 2022	2,822*	1,077*	873*
September 2022	2,747*	1,205*	846*

Table A3.2-2 Recycling of Waste Ferrous Metals

Date	Waste Input (tonne)	Product Output (tonne)	Waste Disposal (tonne)
July 2022	6,568	7,060	52
August 2022	7,061	9,476	55
September 2022	7,054*	5,860*	37*

Table A3.2-3 Recycling of Waste Wood

Date	Waste Input (tonne)	Product Output (tonne)	Waste Disposal (tonne)
July 2022	324	252	-
August 2022	268	231	-
September 2022	345*	226*	-

Table A3.2-4 Recycling of Waste Electronics

Date	Waste Input (tonne)	Product Output (tonne)	Waste Disposal (tonne)
July 2022	2,211*	1,931*	293*
August 2022	2,226*	2,025*	310*
September 2022	2,134*	1,866*	269*

Table A3.2-5 Recycling of Waste Plastics

Date	Waste Input (tonne)	Product Output (tonne)	Waste Disposal (tonne)
July 2022	759	638	43
August 2022	1,027	863	63
September 2022	775*	677*	68*

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

Date	Waste Input (tonne)		Product Output ⁽⁴⁾ (tonne)	Waste Disposal ⁽⁴⁾ (tonne)
	Construction Waste	Glass		
July 2022	4,917	622	7,788	16
August 2022	4,188	746	9,095	18
September 2022	4,607*	669*	7,577*	39*

Table A3.2-7 Recycling of Waste Rubber Tyres

Date	Waste Input (tonne)	Product Output (tonne)	Waste Disposal (tonne)
July 2022	188*	188*	-
August 2022	105*	105*	-
September 2022	119*	119*	-

Table A3.2-8 Recycling of Waste Battery

Date	Waste Input (tonne)	Product Output (tonne)	Waste Disposal (tonne)
July 2022	52	-	-
August 2022	43	-	-
September 2022	111*	-	-

Notes:

- 1) The throughput data in Tables A3.2-1 to A3.2-7 supersede the same batch of the throughput data in previous Quarterly Environmental Monitoring & Audit Reports. The presented data has been rounded off to the nearest whole tonne for presentation.
- 2) The total product output may not be the same as the waste input due to processing of materials that were received before the reporting quarter and were stored within the lots.
- 3) Waste disposal refers to the disposal of general refuse (i.e. packaging) and/or chemical waste.
- 4) Since the recycling of waste glass and construction waste is combined to produce concrete block at K.Wah, the product output and waste disposal from both processes are combined.
- 5) “-” in the column of waste disposal denotes zero quantity; while “n/a” denotes unavailable information at the time of report preparation.
- 6) The throughput data marked with “*” have been revised with updated data since submission of previous quarterly EM&A report (July-September 2022).

Appendix 4

Calibration Certificate of Infrared Gas Analyser



TEST REPORT

Calibration Certificate

Information Provided by Customer

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

Information of Unit-under test (UUT)

Description : Gas Detector
Manufacturer : RKI Instruments EAGLE 2
Type of gas : CO₂, O₂, CH₄
Equipment I.D. No : ET/EA/005/01
Serial No. : E2F694

Laboratory Information

Procedure : In-house method
Data of Calibration : 23-Jun-2022
Data of issue : 23-Jun-2022
Data of Receipt : 20-Jun-2022
Calibration Location : Environmental Laboratory

Calibration Condition

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

Reference Equipment

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

Calibration Specification

- To perform the calibration of gas below:
- CO₂ at 0, 3000 and 5000ppm
- O₂ at 10, 20 & 30vol%
- CH₄ at 0, 5 & 10%LEL

Calibration Result (CO₂)

Calibration Range (ppm)	Reference Equipment Reading (ppm)	*Corrected Value (ppm)	UUT Reading (ppm)	Deviation (ppm)
0	0.0	0.0	0.0	0.0
3000	3158.0	3094.8	3053.7	-41.2
5000	4987.0	4887.3	4831.6	-55.7

Remark: 1. 2% Indicator error of reference equipment is applied.

Measurement Result (CO₂)

Items	Results
Indication Error (%)	-1
Repeatability (%)	0.9



TEST REPORT

Calibration Result (O₂)

Calibration Range (%vol)	Reference Equipment Reading (%vol)	*Corrected Value (%vol)	UUT Reading (%vol)	Deviation (%vol)
10	10.4	10.3	10.3	0.0
20	19.8	19.6	19.3	-0.3
30	32.6	32.3	31.2	-1.1

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

Measurement Result (O₂)

Items	Results
Indication Error (%)	-1.6
Repeatability (%)	1.0

Calibration Result (CH₄)

Calibration Range (%LEL)	Reference Equipment Reading (%LEL)	*Corrected Value (%LEL)	UUT Reading (%LEL)	Deviation (%LEL)
0	0.0	0	0.0	0
5	5.0	5.1	5.0	-0.1
10	10.0	10.2	10.1	-0.1

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

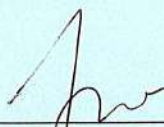
Measurement Result (CH₄)

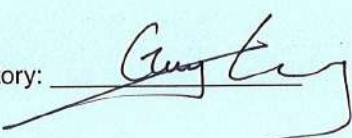
Items	Results
Indication Error (%)	-1
Repeatability (%)	3.7

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

Remarks:

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

Calibrated By: 
(Technician)

Approved Signatory: 

Appendix 5

Laboratory Test Report and Graphical Plots of LFG Monitoring

Quarterly Landfill Gas Monitoring Results

Monitoring Station ID	Monitoring Locations	Date	Weather Conditions	Temperature (°C)	Start Time	End Time	Measurement Results						Action Level			Limit Level			Remarks	
							Methane		Oxygen	Carbon Dioxide	Barometric Pressure	Methane	Oxygen	Carbon Dioxide	Methane	Oxygen	Carbon Dioxide			
							% v/v	% LEL	% v/v	% v/v	mBar (absolute)	% LEL	% v/v	% v/v	% LEL	% v/v	% v/v			
EP1-1	Inside the landscaping area of Administration Building	21/11/2022	Sunny	24	09:55	09:57	0.0	1.0	20.9	0.0	1014									Nil
EP1-2	PCCW below-ground chamber outside Lot T1	21/11/2022	Sunny	24	10:20	10:22	0.0	0.0	20.9	0.0	1014									Nil
EP1-3	HGC Broadband below-ground chamber outside Lot T3	21/11/2022	Sunny	24	10:15	10:17	0.0	0.0	20.5	0.0	1014									Nil
EP2-1	HGC Broadband below-ground chamber outside Lot P1	21/11/2022	Sunny	24	10:00	10:02	0.0	0.0	20.9	0.0	1014									Nil
EP2-2	HGC Broadband below-ground chamber outside Lot P3	21/11/2022	Sunny	24	10:08	10:10	0.0	0.0	20.6	0.0	1014									Nil

Notes:

- (1) Underlined figure indicates an exceedance of Action L. Raining
- (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
21/2/2022	1	10	Sunny	20.9	19	18	0.0	0.5	1.5	1022
16/5/2022	0	10	Sunny	19.2	19	18	0.0	0.5	1.5	1012
17/8/2022	0	10	Sunny	20.9	19	18	0.0	0.5	1.5	1012
21/11/2022	1	10	Sunny	20.9	19	18	0.0	0.5	1.5	1014

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
21/2/2022	1	10	20	20.9	19	18	0.0	0.5	1.5	1022
16/5/2022	0	10	20	19.0	19	18	0.0	0.5	1.5	1012
17/8/2022	0	10	20	20.9	19	18	0.0	0.5	1.5	1012
21/11/2022	0	10	20	20.9	19	18	0.0	0.5	1.5	1014

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
21/2/2022	1	10	20	20.9	19	18	0.0	0.5	1.5	1022
16/5/2022	0	10	20	19.0	19	18	0.0	0.5	1.5	1012
17/8/2022	0	10	20	20.9	19	18	0.0	0.5	1.5	1012
21/11/2022	0	10	20	20.5	19	18	0.0	0.5	1.5	1014

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
21/2/2022	1	10	20	20.9	19	18	0.0	0.5	1.5	1022
16/5/2022	0	10	20	19.0	19	18	0.0	0.5	1.5	1012
17/8/2022	0	10	20	20.9	19	18	0.0	0.5	1.5	1012
21/11/2022	0	10	20	20.9	19	18	0.0	0.5	1.5	1014

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
21/2/2022	1	10	20	20.9	19	18	0.0	0.5	1.5	1022
16/5/2022	0	10	20	19.0	19	18	0.0	0.5	1.5	1012
17/8/2022	0	10	20	20.9	19	18	0.0	0.5	1.5	1012
21/11/2022	0	10	20	20.6	19	18	0.0	0.5	1.5	1014



TEST REPORT



Test Report of Landfill Gas Monitoring

Report No. : ENA27275
Date of Issue : 23 November 2022
Page No. : 1 of 1

Information Provided by Customer

Customer Name : Allied Environmental Consultants Ltd.
Customer Address : 27/F, Overseas Trust Bank Building, 160 Gloucester Road, Wan Chai, Hong Kong
Sample Source : Landfill Gas Monitoring at Eco Park, Tuen Mun
Sampling Location : EP1-1 Inside the Landscaping area of Administration Building
EP1-2 PCCW underground chamber outside Lot T1
EP1-3 HGC Broadband underground chamber outside Lot T3
EP2-1 HGC Broadband underground chamber outside Lot P1
EP2-2 HGC Broadband underground chamber outside Lot P3
Date of Test : 21 November 2022
Method : To carry out landfill gas monitoring by gas detector

Equipment

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

Result

Sampling Location	Sampling Time	Barometric Pressure, mBar	Methane		Carbon Dioxide, %v/v	Oxygen, %v/v
			%v/v	%LEL		
EP1-1	09:55	1014	0	1	0	20.9
EP1-2	10:20	1014	0	0	0	20.9
EP1-3	10:15	1014	0	0	0	20.5
EP2-1	10:00	1014	0	0	0	20.9
EP2-2	10:08	1014	0	0	0	20.6

Approved Signatory :

LAU, Chi Leung

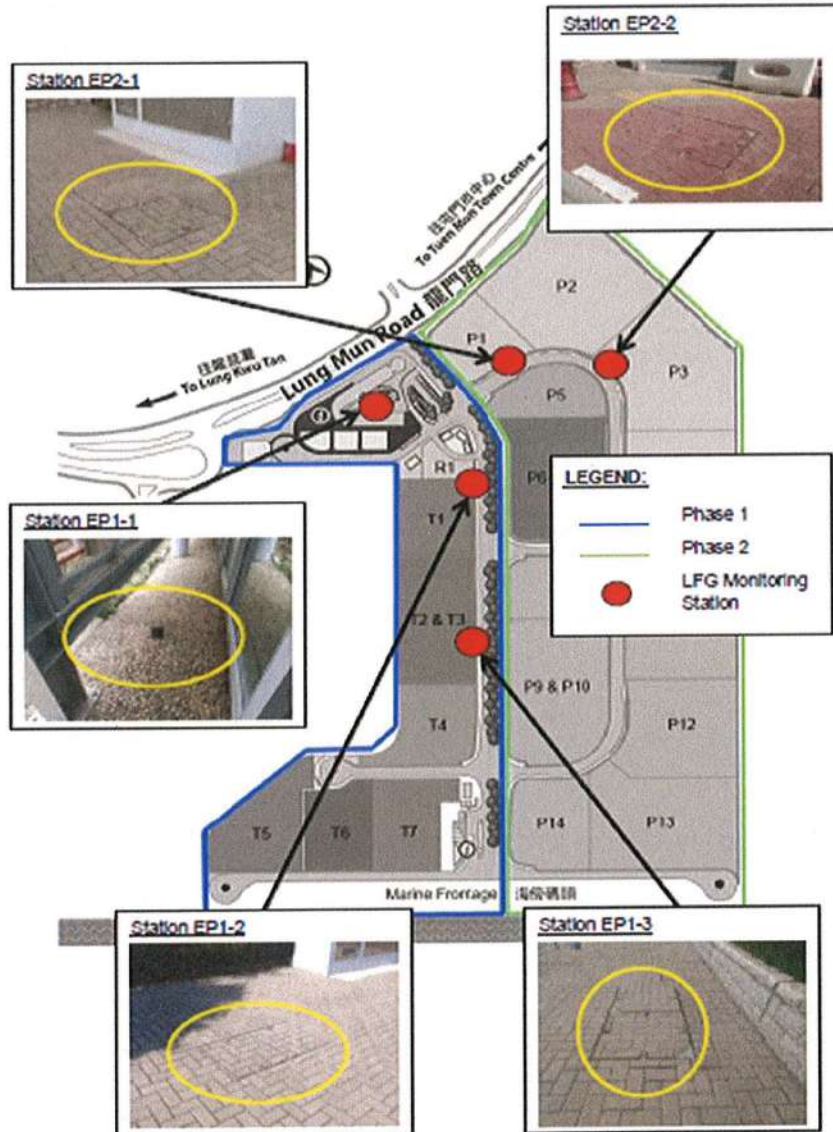


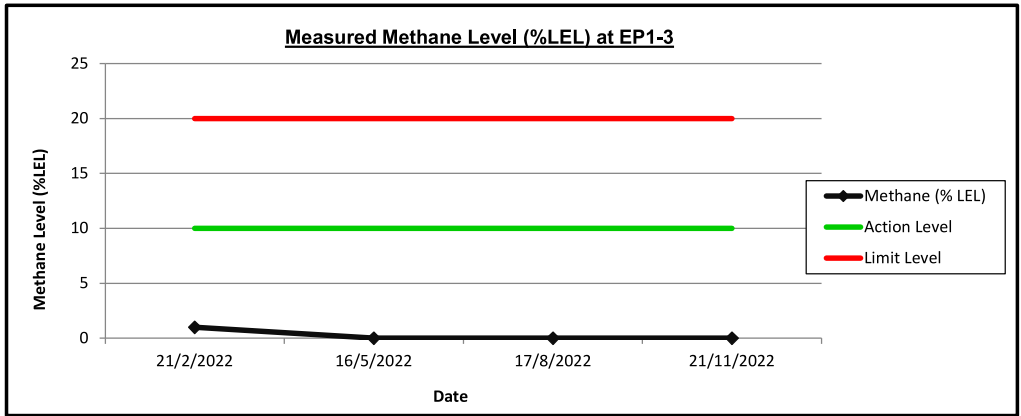
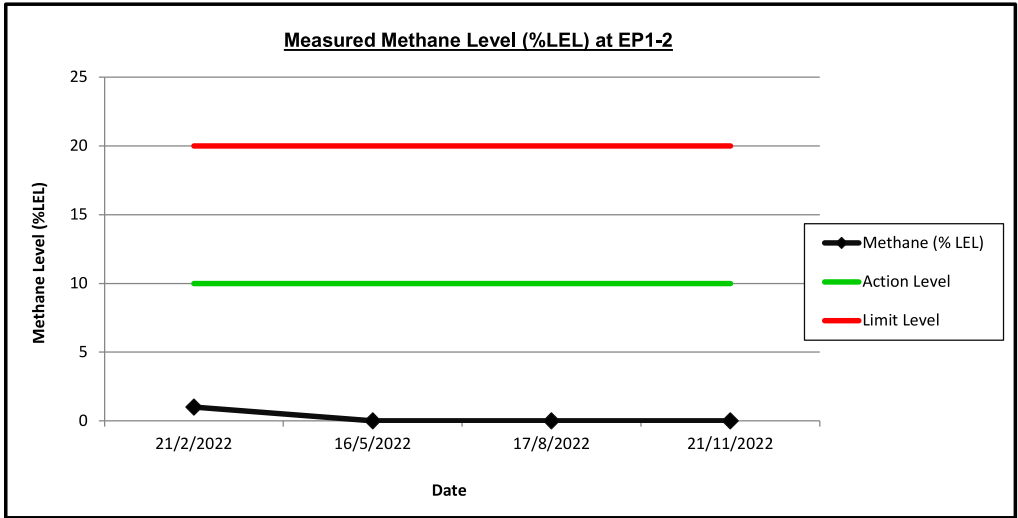
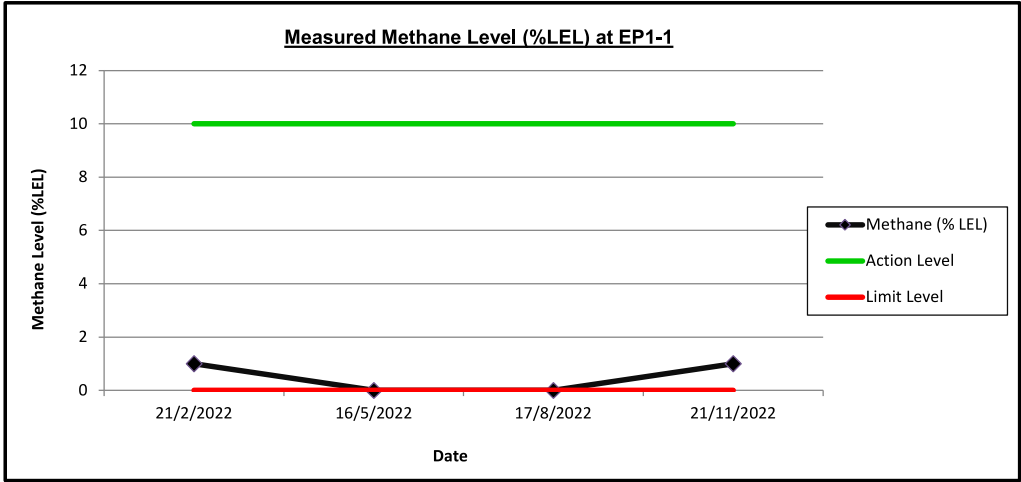
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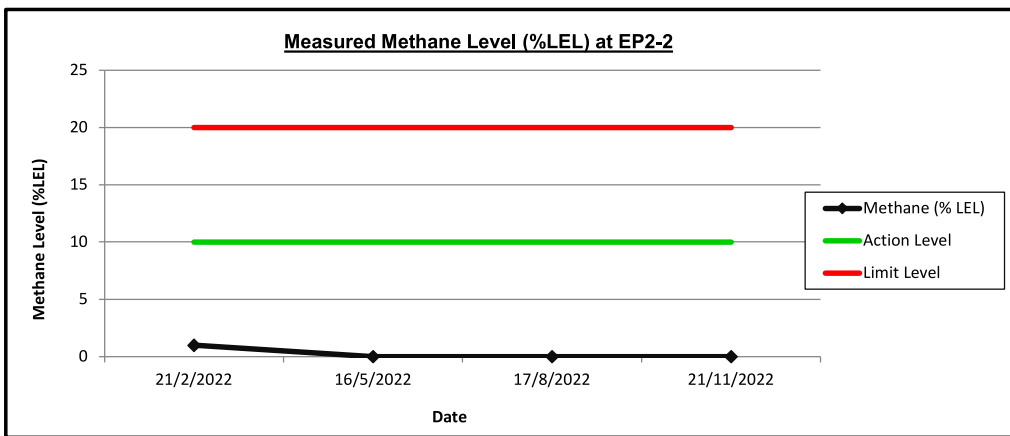
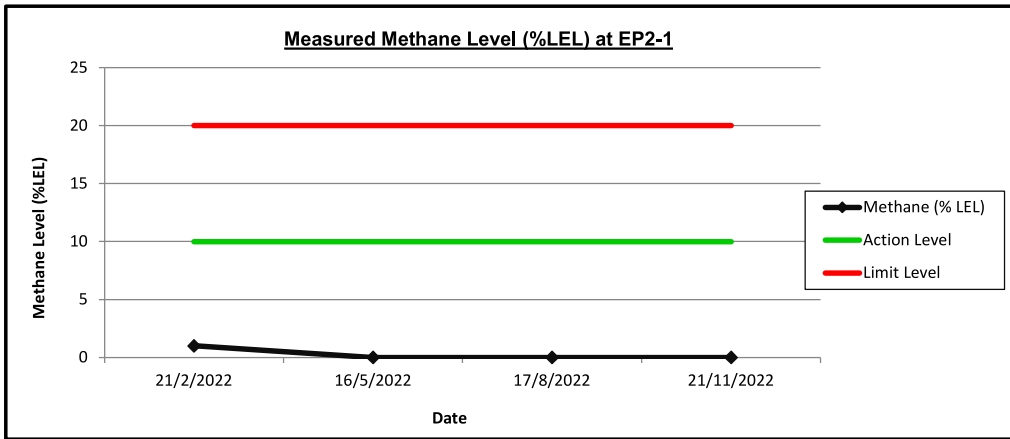
Report No. : ENA27275
Date of Issue : 23 November 2022
Page No. : 1 of 1

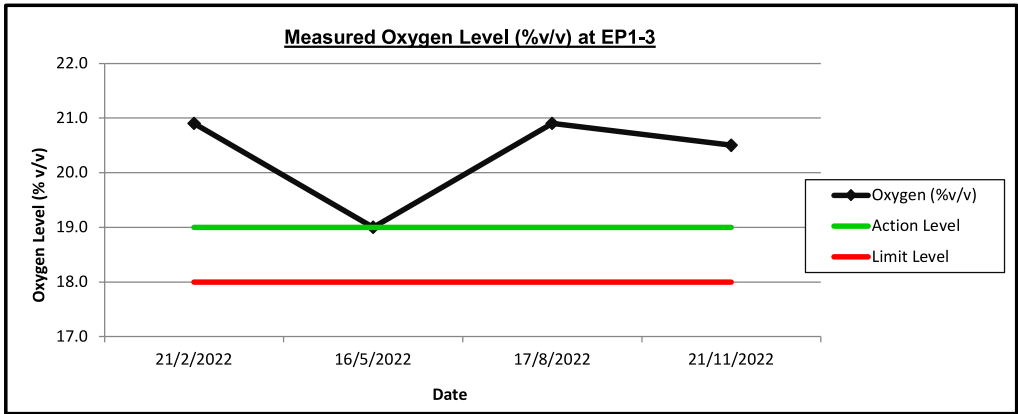
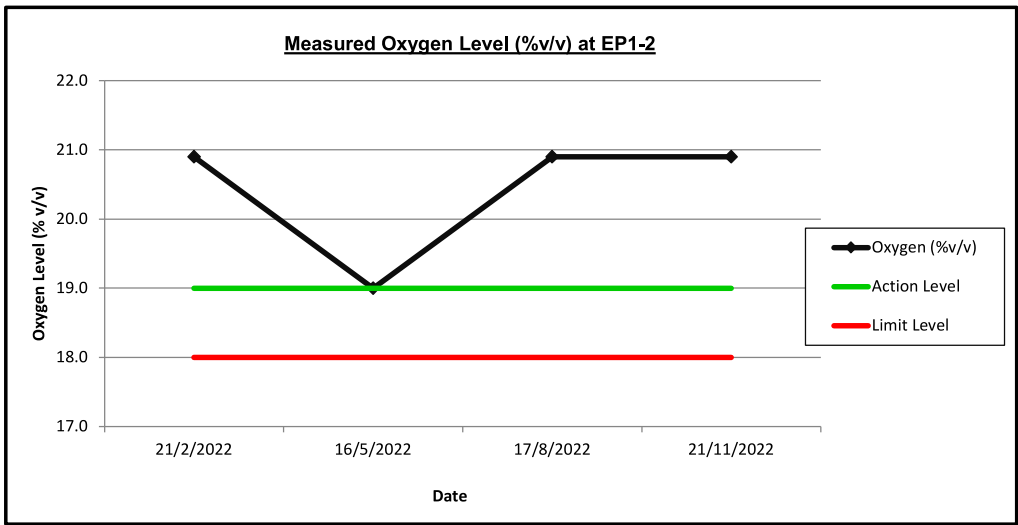
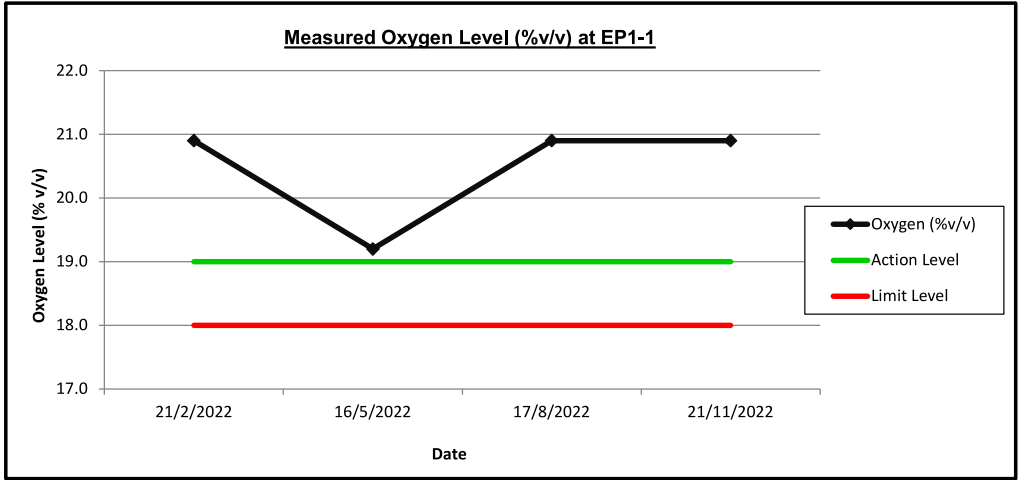
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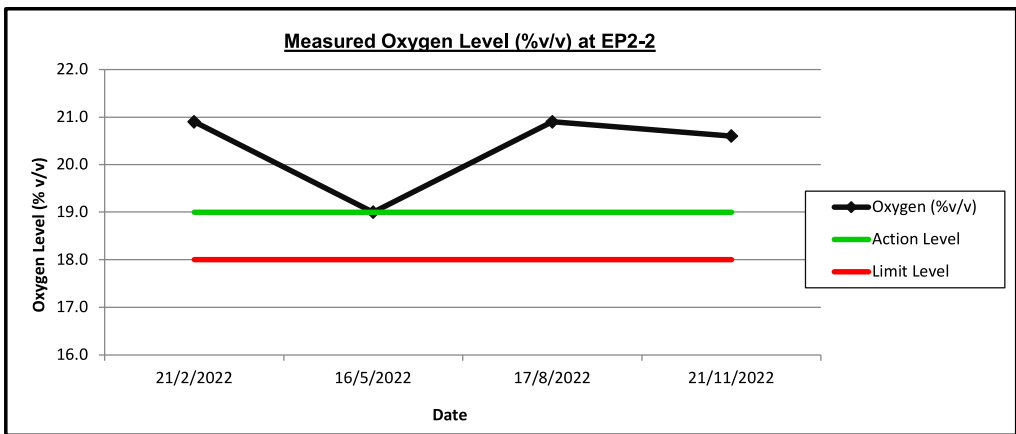
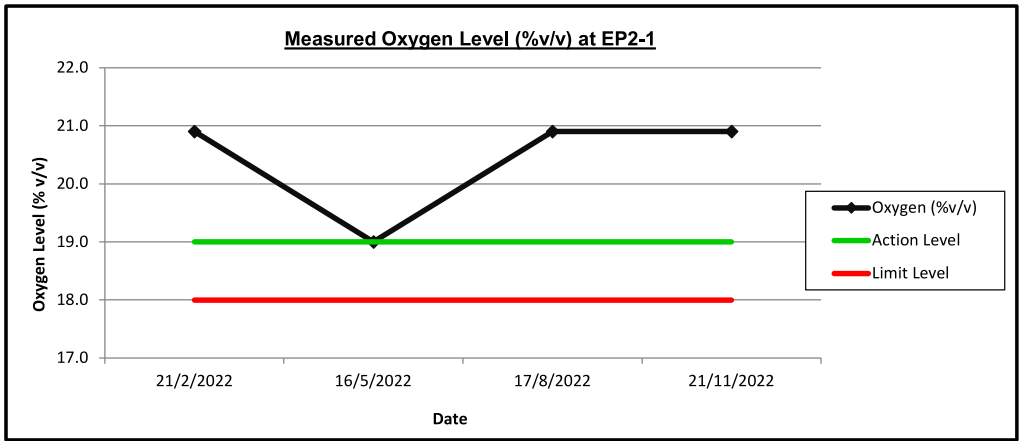
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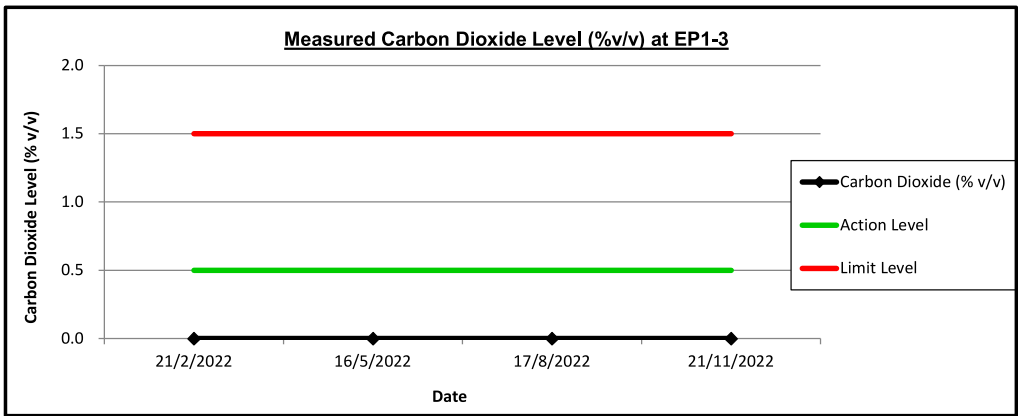
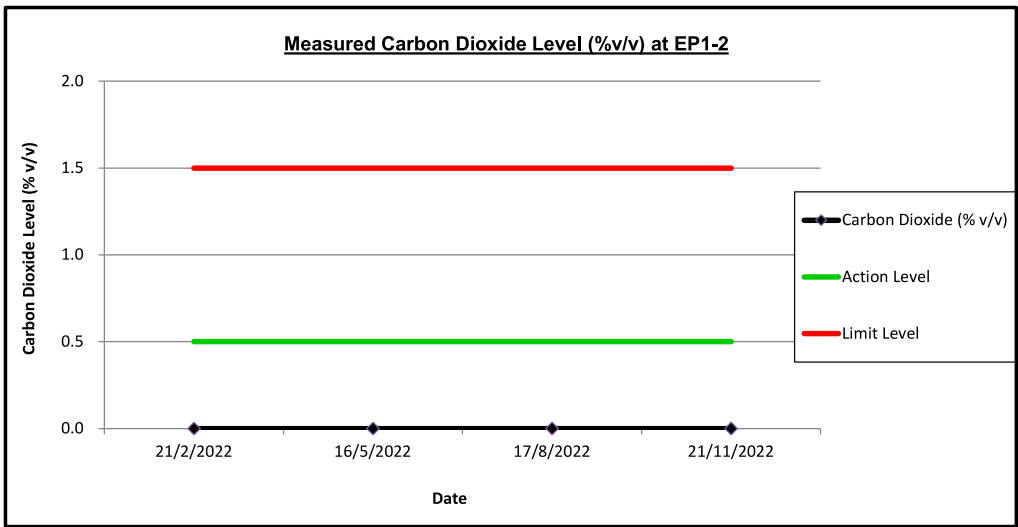
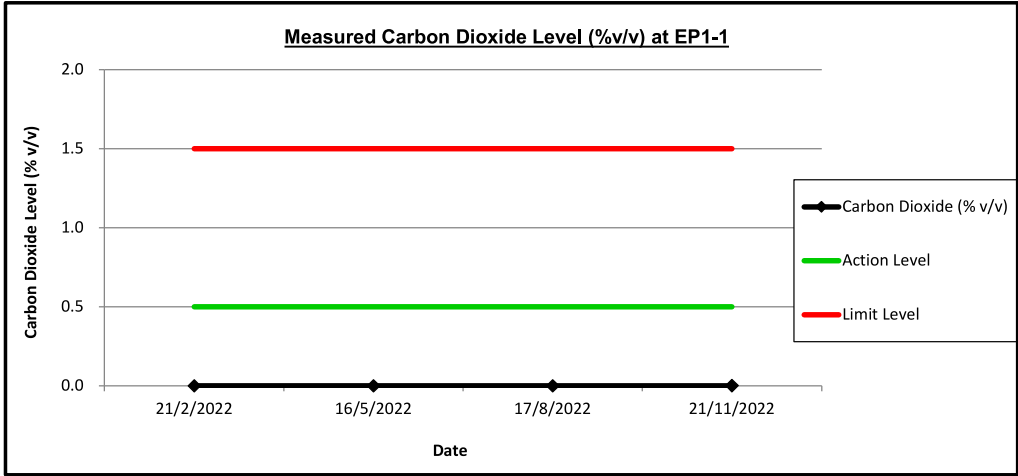


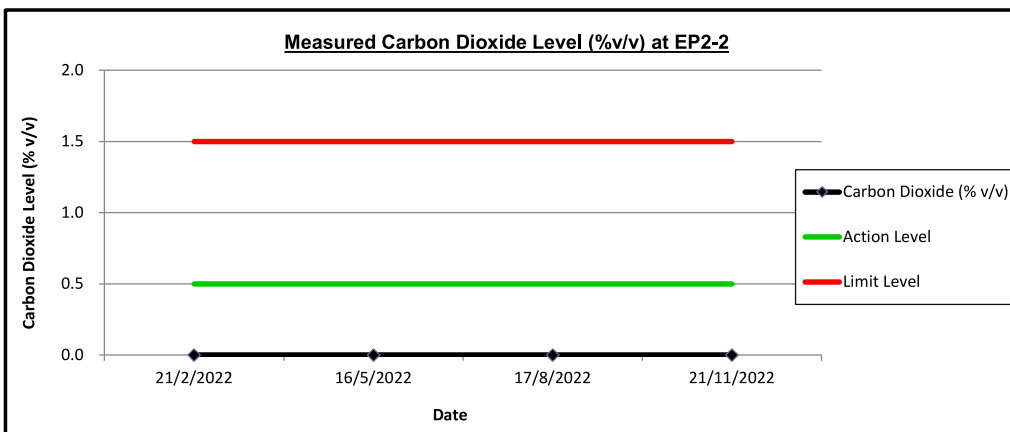
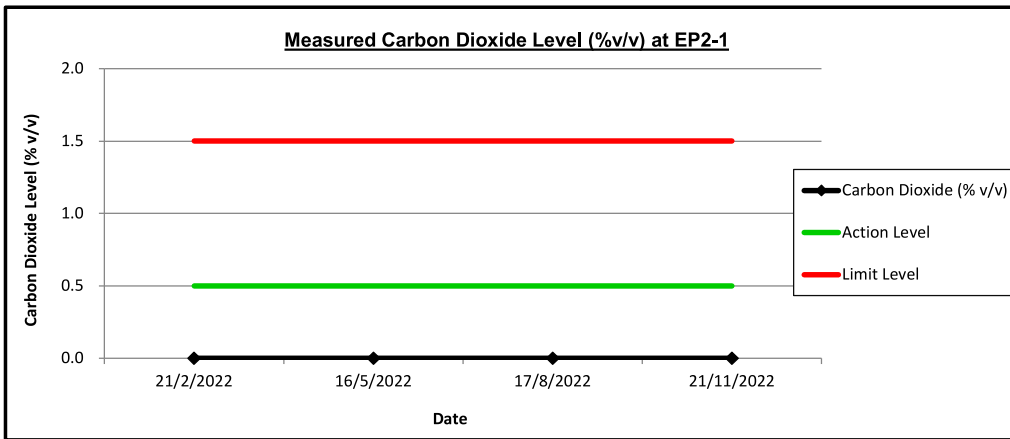




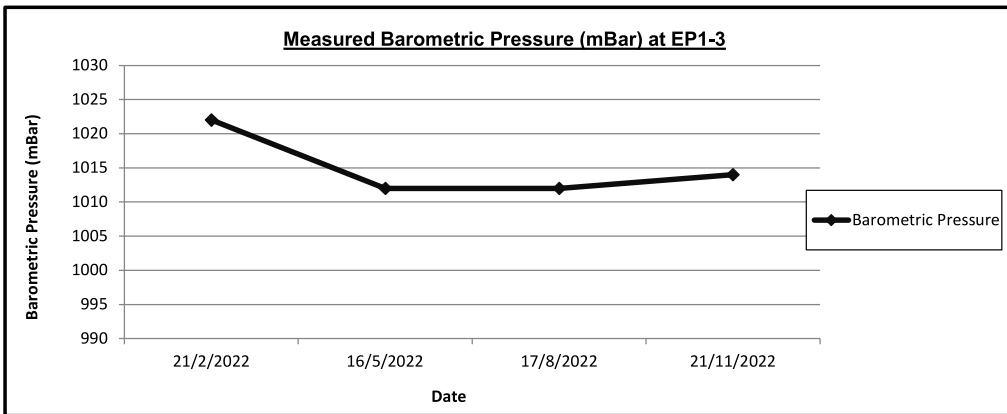
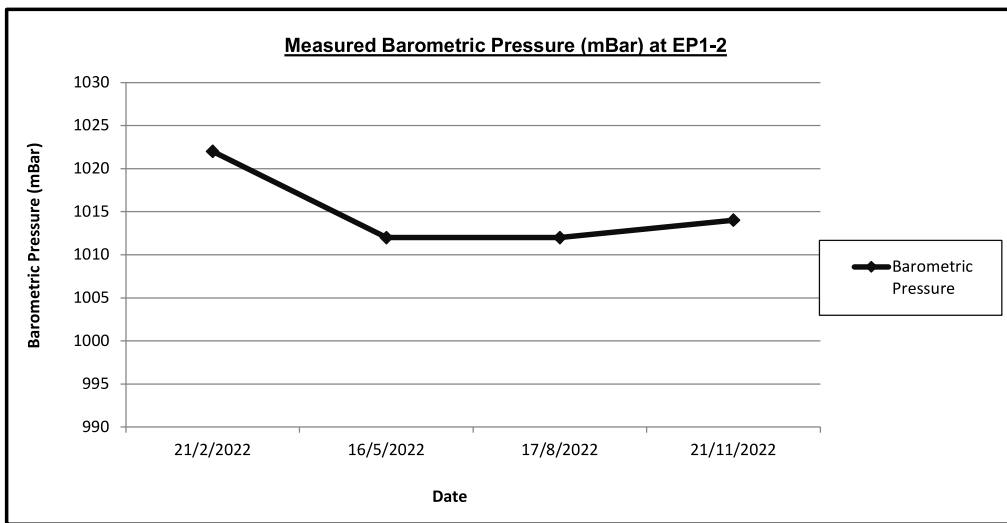
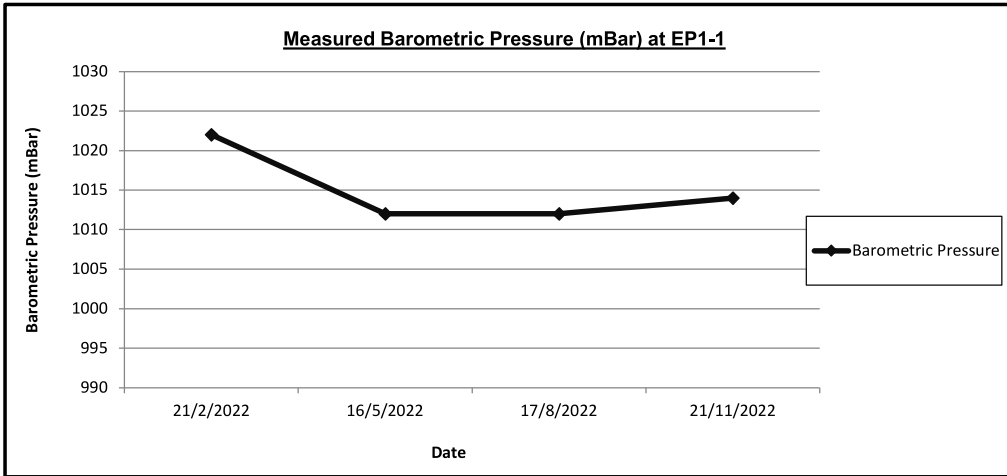


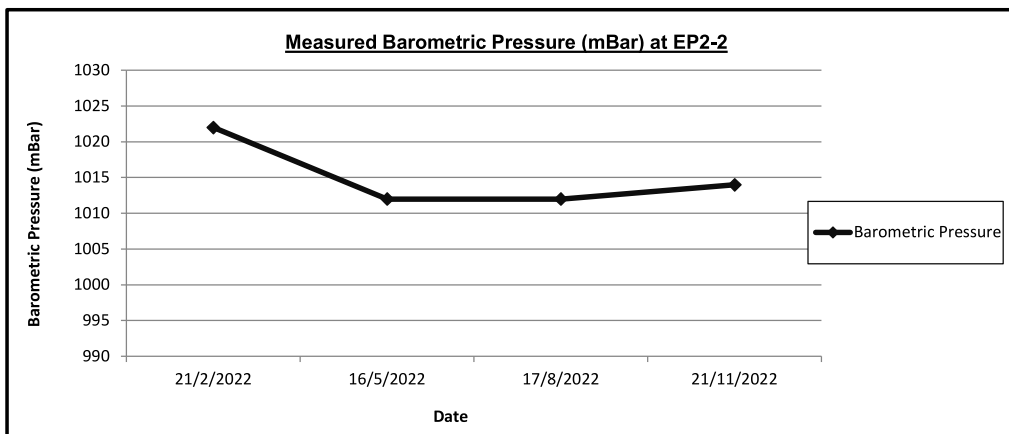
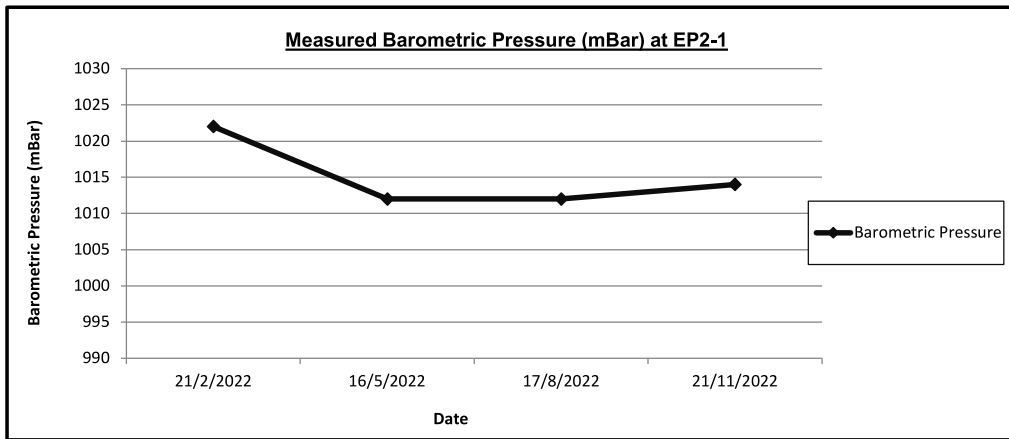






Remark: All <0.1%v/v for carbon dioxide is regarded as 0.0%v/v in graphical presentation





Appendix 6

Tenant-specific Audit Checklists for the Reporting Quarter

Appendix 6.1

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



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

Weather

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

1. General

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

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Sampling record available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sampling Report (July 2022)
b) Monitoring frequency met the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	via Grease Trap
a) Adequate capacity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Petrol interceptor is provided
2.13 Drainage from maintenance area discharged via oil interceptor?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Oil and grease removed regularly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Follow-up Observation (1) and (2)
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"/>	
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Odorous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No loading/unloading of dusty materials is observed
3.4 Dust monitoring record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dust-generating activity is observed
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >30 centistokes or an equivalent viscosity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.11 Air pollution control system properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Regular replacement of activated carbon filter (trimonthly)
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No stockpile of dusty material is observed
3.18 Major dust source(s):	<input type="checkbox"/> Wind erosion <input type="checkbox"/> Vehicle/equipment movement			
	<input type="checkbox"/> Loading/unloading of materials <input checked="" type="checkbox"/> Others: n/a			



4. Waste / Chemical Management

General	N/A	Yes	No	Remarks
4.1 Registered as chemical waste producer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
4.2 Sufficient receptacles (e.g. rubbish bins) available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
4.3 Disposed of regularly and properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
4.4 Sorting of materials on-site for reuse or disposal to designated outlet?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
4.5 Records of quantities of waste generated, recycled and disposed properly kept?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	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"/>	_____
a) Label is securely attached and visible?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
b) Label is bilingual and in proper dimension?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
c) Information is accurate and sufficient?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Storage of Chemical Waste				
4.12 Proper "Chemical Waste" sign displayed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
4.13 Incompatible wastes separated by impermeable partition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
4.16 Properly stored and locked in designated area with adequate ventilation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
4.17 Storage area paved with concrete and kept clean and dry?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
4.18 Cover provided for outdoor storage area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
4.19 Chemical waste collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
Liquid Chemical Storage				
4.20 Storage area provided with permeation-proof floor or surface?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
4.22 Walls or partitions of stacked container storage area constructed of impermeable material?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

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

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



6. Others

	N/A	Yes	No	Remarks
6.1 Works confined within lot boundaries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.2 Damage to surrounding areas avoided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.3 Site lighting designed to avoid glare to surrounding receivers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.4 Materials and machinery stored in an orderly manner?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.5 Areas within lot for recycling activities paved with concrete?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.6 Potential stagnant pools cleared and mosquito breeding prevented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.7 Valid calibration certificate for any monitoring equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Storage area in compliance with the approved plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Subject to tenant's information provision
b) Storage area is securely locked?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c) Total storage capacity in compliance with relevant statutory requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) Proper labelling provided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e) Dangerous goods properly packaged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Remarks:

New Observation

No major environmental deficiency was observed.

Signatures:

ET Representative:

Operator Representative:


Tenant Representative:

IEC Representative:









Name: Timmy WONG

Name: YH WONG

Name: Kenji Wong

Name: Hilton TAM

Date: 2022/10/19

Date: 26/10/2022

Date: 31 Oct 2022

Date: 2022/10/26

EcoPark Operation
SITE INSPECTION CHECKLIST



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

Weather

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

1. General

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

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Sampling record available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sampling Report (July 2022)
b) Monitoring frequency met the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	via Grease Trap
a) Adequate capacity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Petrol interceptor is provided
2.13 Drainage from maintenance area discharged via oil interceptor?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Oil and grease removed regularly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dusty stockpile is observed
2.17 Measures to prevent the washing away of sand/silt to drains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No sand/silt is generated from the recycling process



3. Air Quality

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



4. Waste / Chemical Management

General	N/A	Yes	No	Remarks
4.1 Registered as chemical waste producer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
4.2 Sufficient receptacles (e.g. rubbish bins) available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
4.3 Disposed of regularly and properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
4.4 Sorting of materials on-site for reuse or disposal to designated outlet?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
4.5 Records of quantities of waste generated, recycled and disposed properly kept?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	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"/>	_____
a) Label is securely attached and visible?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
b) Label is bilingual and in proper dimension?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
c) Information is accurate and sufficient?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Storage of Chemical Waste				
4.12 Proper "Chemical Waste" sign displayed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
4.13 Incompatible wastes separated by impermeable partition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
4.14 Containers kept in cabinet or receptacle of suitable material (if quantity <50L), or provided with drip trays capable of storing 110% of the volume of the largest container (if quantity >50L)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
4.16 Properly stored and locked in designated area with adequate ventilation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
4.17 Storage area paved with concrete and kept clean and dry?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
4.18 Cover provided for outdoor storage area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
4.19 Chemical waste collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
Liquid Chemical Storage				
4.20 Storage area provided with permeation-proof floor or surface?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
4.22 Walls or partitions of stacked container storage area constructed of impermeable material?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

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

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



6. Others

	N/A	Yes	No	Remarks
6.1 Works confined within lot boundaries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.2 Damage to surrounding areas avoided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.3 Site lighting designed to avoid glare to surrounding receivers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.4 Materials and machinery stored in an orderly manner?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.5 Areas within lot for recycling activities paved with concrete?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.6 Potential stagnant pools cleared and mosquito breeding prevented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.7 Valid calibration certificate for any monitoring equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Storage area in compliance with the approved plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Subject to tenant's information provision
b) Storage area is securely locked?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c) Total storage capacity in compliance with relevant statutory requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) Proper labelling provided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e) Dangerous goods properly packaged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Remarks:

New Observation

No major environmental deficiency was observed.

Signatures:

ET Representative:

Name: Timmy WONG

Date: 2022/11/21

Operator Representative:

Name: YH WONG

Date: 28/11/2022

Tenant Representative:

Name: Kenji Wong

Date: 15 Dec 2022

IEC Representative:

Name: Lemon Lam

Date: 23 Nov 22

EcoPark Operation
SITE INSPECTION CHECKLIST



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

Weather

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

1. General

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

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Sampling record available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sampling Report (November 2022)
b) Monitoring frequency met the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	via Grease Trap
a) Adequate capacity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	New Observation 1
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Petrol interceptor is provided
2.13 Drainage from maintenance area discharged via oil interceptor?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Oil and grease removed regularly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dusty stockpile is observed
2.17 Measures to prevent the washing away of sand/silt to drains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No sand/silt is generated from the recycling process



3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Valid from Feb 2018 to Feb 2023
a) SP Licence conditions/monitoring requirements comply?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input 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 (trimestrally)
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No stockpile of dusty material is observed
3.18 Major dust source(s):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Wind erosion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Vehicle/equipment movement
<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Others: n/a



4. Waste / Chemical Management

General

	N/A	Yes	No	Remarks
4.1 Registered as chemical waste producer?	<input 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"/>	
a) Label is securely attached and visible?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Label is bilingual and in proper dimension?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c) Information is accurate and sufficient?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Storage of Chemical Waste

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

Liquid Chemical Storage

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

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

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

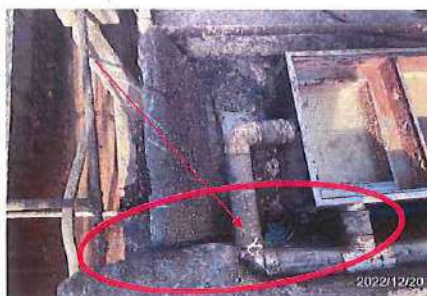
6. Others

	N/A	Yes	No	Remarks
6.1 Works confined within lot boundaries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.2 Damage to surrounding areas avoided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.3 Site lighting designed to avoid glare to surrounding receivers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.4 Materials and machinery stored in an orderly manner?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.5 Areas within lot for recycling activities paved with concrete?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.6 Potential stagnant pools cleared and mosquito breeding prevented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.7 Valid calibration certificate for any monitoring equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Storage area in compliance with the approved plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Subject to tenant's information provision
b) Storage area is securely locked?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c) Total storage capacity in compliance with relevant statutory requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) Proper labelling provided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e) Dangerous goods properly packaged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Remarks:

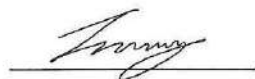
New Observation

During the monthly site inspection on 20 December 2022, it is observed that the grease trap is under maintenance and temporary mitigation measure has been adopted, e.g. pumping the wastewater to the oil interceptor treatment facility. It is observed the submersible slurry pump was broken and the wastewater treatment facility overflowed. The tenant has been required to review the maintenance process and maintain the temporary treatment facility in operation. This item will be re-inspected in the coming next month's site inspection.



Signatures:

ET Representative:



Name: Timmy WONG

Date: 2022/12/20

Operator Representative:



Name: Y H WONG

Date: 12/1/2023

Tenant Representative:



Name: Kenji Wong

Date: 12 Jan 2023

IEC Representative:



Name: Lemon Lam

Date: 11 Jan 2023

Appendix 6.2

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



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 was 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"/>	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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No operation is observed during inspection
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input 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"/>	No operation is observed during inspection
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.18 Major dust source(s):	<input checked="" type="checkbox"/>	Wind erosion	<input type="checkbox"/>	Vehicle/equipment movement
	<input type="checkbox"/>	Loading/unloading of materials	<input type="checkbox"/>	Others: n/a



4. Waste/Chemical Management

General

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

Packaging of Chemical Waste

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

Labelling of Chemical Waste

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

Storage of Chemical Waste

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

Liquid Waste Storage

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

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

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



6. Others

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

Remarks:

No major environmental deficiency was observed.

Signatures:

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name Timmy WONG

Name: YH WONG

Name: Eagle Lam

Name: Hilton TAM

Date: 2022/10/19

Date: 26/10/2022

Date: 27/10/2022

Date: 2022/10/26

EcoPark Operation
SITE INSPECTION CHECKLIST



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

Weather

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

1. General

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

2. Water Quality

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



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

3. Air Quality

- | | N/A | Yes | No | Remarks |
|--|-------------------------------------|-------------------------------------|--------------------------|--|
| 3.1 Valid Specified Process (SP) Licence available for all specified process? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Not required |
| a) SP Licence conditions / monitoring requirements comply? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3.2 Operate without generation of noticeable odour? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | No operation is observed during inspection |
| a) If odour is detected, can the source be identified? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| b) Odourous materials covered? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| c) If odour control system is installed, is it operating normally? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3.3 Dusty materials dampened prior to loading/unloading? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Dampening of waste wood affects the wood quality and is therefore unsuitable |
| 3.4 Dust monitoring record available? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Not required |
| a) Monitoring frequency met the licence requirement? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| b) Any exceedance? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| c) If exceedance is recorded, follow-up action taken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | No operation is observed during inspection |
| 3.6 Open burning prohibited? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3.7 Emission from chimney or powered plant free of black smoke? | <input 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"/> | No operation is observed during inspection |
| 3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| a) Obtained approval for the use of controlled refrigerant? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| b) If yes, record of refrigeration equipment service available? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3.14 Public road around site entrance kept clean and free from dust? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3.15 Materials transported on trucks covered? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Not observed |
| 3.16 Truck loads to a level within the side and tail boards? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Not observed |
| 3.17 Stockpiles of dusty materials covered or regularly watered? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

- 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"/>	Not required

Packaging of Chemical Waste

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

Labelling of Chemical Waste

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

Storage of Chemical Waste

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

Liquid Waste Storage

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

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

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



6. Others

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

Remarks:

Follow-up from Previous Audit

New Observations

- No major environmental deficiency was observed.

Signatures:

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name Timmy WONG

Name: YH WONG

Name: Eagle Lam

Name: Lemon Lam

Date: 2022/11/21

Date: 28/11/2022

Date: 30/11/2022

Date: 23 Nov 22

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 Stop-logs are available for use by tenant if needed.
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"/>	
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 was 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"/>	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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No operation is observed during inspection
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input 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"/>	No operation is observed during inspection
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.18 Major dust source(s):	<input checked="" type="checkbox"/>			Wind erosion
	<input type="checkbox"/>			Vehicle/equipment movement
	<input type="checkbox"/>			Loading/unloading of materials
	<input type="checkbox"/>			Others: n/a

EcoPark Operation
SITE INSPECTION CHECKLIST



4. Waste / Chemical Management

General

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

Packaging of Chemical Waste

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

Labelling of Chemical Waste

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

Storage of Chemical Waste

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

Liquid Waste Storage

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

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

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

EcoPark Operation
SITE INSPECTION CHECKLIST



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:

Follow-up from Previous Audit

New Observations

- No major environmental deficiency was observed.

Signatures:

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Timmy WONG

Name: YH WONG

Name: Eagle Lam

Name: Lemon Lam

Date: 2022/12/20

Date: 31 Dec 2022

Date: 3/1/2023

Date: 29 Dec 2022

Appendix 6.3

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

EcoPark Operation
SITE INSPECTION CHECKLIST



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

Weather

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

1. General

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

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No wastewater is generated from recycling process
a) Sampling record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Adequate capacity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recycling process has low risk of contamination
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed.
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed
2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dusty stockpile is observed
2.17 Measures to prevent the washing away of sand/silt to drains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No sand/silt is generated from the recycling process



3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) SP Licence conditions/monitoring requirements comply?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No loading/unloading of dusty materials is observed
3.4 Dust monitoring record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >23 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"/>	Not required
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No stockpile of dusty material is observed
3.18 Major dust source(s):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Wind erosion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Vehicle/equipment movement
<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Others: n/a



4. Waste / Chemical Management

General

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

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? _____
- 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 required _____
- 6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods? Not required _____
 - a) Storage area in compliance with the approved plan? _____
 - b) Storage area is securely locked? _____
 - c) Total storage capacity in compliance with relevant statutory requirement? _____
 - d) Proper labelling provided? _____
 - e) Dangerous goods properly packaged? _____

Remarks:

New Observation

- No major environmental deficiency was observed.

Signatures:

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: TIMMY WONG

Name: YH WONG

Name: MR. LEE

Name:

Date: 2022/10/19

Date: 26/10/2022

Date: 9/11/2022

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. Stop-logs are available for use by tenant if needed.
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"/>	
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed.
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed.
2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required.
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required.
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dusty stockpile is observed.
2.17 Measures to prevent the washing away of sand/silt to drains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No sand/silt is generated from the recycling process.



3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) SP Licence conditions/monitoring requirements comply?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No loading/unloading of dusty materials is observed
3.4 Dust monitoring record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >23 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"/>	Not required
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No stockpile of dusty material is observed
3.18 Major dust source(s):	<input type="checkbox"/> Wind erosion	<input type="checkbox"/> Vehicle/equipment movement		
	<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/> Others: n/a		



4. Waste/Chemical Management

General

	N/A	Yes	No	Remarks
4.1 Registered as chemical waste producer?	<input 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"/>	

EcoPark Operation
SITE INSPECTION CHECKLIST



Liquid Waste Storage

- 4.20 Storage area provided with permeation-proof floor or surface? _____
- 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 required
- 6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods? Not required
 - a) Storage area in compliance with the approved plan? _____
 - b) Storage area is securely locked? _____
 - c) Total storage capacity in compliance with relevant statutory requirement? _____
 - d) Proper labelling provided? _____
 - e) Dangerous goods properly packaged? _____

Remarks:

New Observation

- No major environmental deficiency was observed.

Signatures:

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Timmy WONG

Name: YH WONG

Name: MRS LBB

Name: Lemon Lam

Date: 2022/11/21

Date: 28/11/2022

Date: 6-1-2023

Date: 23 Nov 22

EcoPark Operation
SITE INSPECTION CHECKLIST



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

Weather

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

1. General

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

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No wastewater is generated from recycling process
a) Sampling record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Adequate capacity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recycling process has low risk of contamination
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed.
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed
2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.16 Temporary stockpiles covered during rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dusty stockpile is observed
2.17 Measures to prevent the washing away of sand/silt to drains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No sand/silt is generated from the recycling process



3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) SP Licence conditions/monitoring requirements comply?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No loading/unloading of dusty materials is observed
3.4 Dust monitoring record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >23 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"/>	Not required
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No stockpile of dusty material is observed
3.18 Major dust source(s):	<input type="checkbox"/> Wind erosion	<input type="checkbox"/> Vehicle/equipment movement		
	<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/> Others: n/a		



4. Waste/Chemical Management

General

	N/A	Yes	No	Remarks
4.1 Registered as chemical waste producer?	<input 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? _____
- 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 required
- 6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods? Not required
- a) Storage area in compliance with the approved plan? _____
- b) Storage area is securely locked? _____
- c) Total storage capacity in compliance with relevant statutory requirement? _____
- d) Proper labelling provided? _____
- e) Dangerous goods properly packaged? _____

Remarks:

New Observation

- No major environmental deficiency was observed.

Signatures:

ET Representative:	Operator Representative:	Tenant Representative:	IEC Representative:
			
Name: Timmy WONG	Name: YH WONG	Name: MRS. LBB	Name:
Date: 2022/12/20	Date: 31 Dec 2022	Date: 6-1-2023	Date:

Appendix 6.4

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



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

Weather

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

1. General

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

2. Water Quality

	N/A	Yes	No	Remarks
2.1 Valid Effluent Discharge Licence available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No wastewater is discharged from recycling process
a) Sampling record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency met the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) Monitoring result comply with the licence requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Adequate capacity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recycling process has low risk of contamination
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed
2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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 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"/>	Not required
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not applicable for trucks transporting scrap steel material as observed on site.
3.16 Truck loads to a level within the side and tail boards?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dusty material is observed
3.18 Major dust source(s):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Wind erosion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Vehicle/equipment movement
<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input 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"/>	

EcoPark Operation
SITE INSPECTION CHECKLIST



Liquid Waste Storage

- 4.20 Storage area provided with permeation-proof floor or surface? _____
- 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? 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:

Name: Timmy WONG

Date: 2022/10/19

Operator Representative:

Name: YH WONG

Date: 26/10/2022

Tenant Representative:

Name: 吳志強

Date: 27/10/22

IEC Representative:

Name:

Date:

EcoPark Operation
SITE INSPECTION CHECKLIST



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

Weather

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

1. General

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

2. Water Quality

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

EcoPark Operation
SITE INSPECTION CHECKLIST



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 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"/>	Not required
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not applicable for trucks transporting scrap steel material as observed on site.
3.16 Truck loads to a level within the side and tail boards?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dusty material is observed
3.18 Major dust source(s):	<input type="checkbox"/> Wind erosion	<input type="checkbox"/> Vehicle/equipment movement	<input checked="" type="checkbox"/> Others: n/a	
	<input type="checkbox"/> Loading/unloading of materials			



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"/>	

EcoPark Operation
SITE INSPECTION CHECKLIST



Liquid Waste Storage

- 4.20 Storage area provided with permeation-proof floor or surface? _____
- 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? 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:

Name: Timmy WONG

Date: 2022/11/21

Operator Representative:

Name: YH WONG

Date: 28/11/2022

Tenant Representative:

Name: *[Handwritten Name]*

Date: 30/11/2022

IEC Representative:

Name: Lemon Lam

Date: 23 Nov 22

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 licensee requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) If exceedance is recorded, any follow-up action taken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2 Provision of wastewater treatment facility (WTF) prior to discharge?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Adequate capacity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Properly maintained and function normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.3 Surface run-off control measures in place and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.4 Surface run-off discharging into drainage system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recycling process has low risk of contamination
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed
2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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 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"/>	Not required
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not applicable for trucks transporting scrap steel material as observed on site.
3.16 Truck loads to a level within the side and tail boards?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No dusty material is observed
3.18 Major dust source(s):	<input type="checkbox"/> Wind erosion <input type="checkbox"/> Vehicle/equipment movement <input type="checkbox"/> Loading/unloading of materials <input checked="" type="checkbox"/> Others: n/a			



4. Waste/Chemical Management

General

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

EcoPark Operation
SITE INSPECTION CHECKLIST



Liquid Waste Storage

- 4.20 Storage area provided with permeation-proof floor or surface? _____
- 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? 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: Timmy WONG

Name: YH WONG

Name:

Name:

Date: 2022/12/20

Date: 31 Dec 2022

Date:

Date:

Appendix 6.5

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



Inspection Date:	2022/10/19	Time:	16:15	Inspected by:	Timmy WONG, Carmen TAM
Lot Number:	P11	Tenant:	K. Wah		

Weather

Condition: Sunny Fine Overcast Drizzle Rain Storm Hazy
 Temperature: 26 °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"/>	
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"/>	Fall gradient is provided to direct runoff from works area to sedimentation pit
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
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No loading/unloading was observed
3.4 Dust monitoring record available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Measurement of 24-hr RSP required by SP Licence (July 2022)
a) Monitoring frequency met the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	New Observation (1)
c) If exceedance is recorded, follow-up action taken?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Actions taken according to Schedule F of SP Licence
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enclosures and sprinkler system are provided
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >23 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 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.18 Major dust source(s):	<input type="checkbox"/> Wind erosion	<input type="checkbox"/> Vehicle/equipment movement		
	<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/> Others: n/a		



4. Waste/Chemical Management

General

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

Packaging of Chemical Waste

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

Labelling of Chemical Waste

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

Storage of Chemical Waste

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

Liquid Waste Storage

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

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

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

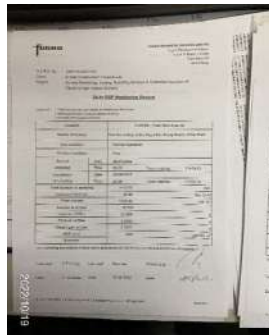
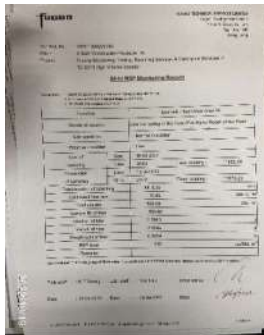
6. Others

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

Remarks:

New Observation

(1) 24-hour RSP level was observed to have reached 102 µg/m³ on 16 September 2022, 208 µg/m³ on 22 September 2022 and 334 µg/m³ on 28 September 2022, which exceeds the action level for 24-hour RSP monitoring, as stipulated in the SP license (i.e. 100 µg/m³). It is noted that there are no further exceedances of 24-hour RSP level in October 2022. The Tuen Mun fill bank is observed to remain at a high level which may have contributed to the high 24-hour RSP level. The tenant has been requested to further strength mitigation measures such as increasing the frequency of water spraying to minimize dust emissions. This item will be reviewed in the next inspection.



(Observed on 19 October 2022)



Signatures:

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Handwritten signature of Timmy Wong in black ink, written over a horizontal line.

Handwritten signature of YH Wong in black ink, written over a horizontal line.

Handwritten signature of Jess Hon in black ink, written over a horizontal line.

Handwritten signature of Hilton Tam in black ink, written over a horizontal line.

Name: Timmy WONG

Name: YH WONG

Name: Jess Hon

Name: Hilton TAM

Date: 2022/10/19

Date: 26/10/2022

Date: 2022/10/28

Date: 2022/10/26



Inspection Date:	2022/11/21	Time:	11:15	Inspected by:	Timmy WONG
Lot Number:	P11	Tenant:	K. Wah		

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"/>	
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"/>	Fall gradient is provided to direct runoff from works area to sedimentation pit
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
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No loading/unloading was observed
3.4 Dust monitoring record available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Measurement of 24-hr RSP required by SP Licence (July 2022)
a) Monitoring frequency met the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	New Observation (1)
c) If exceedance is recorded, follow-up action taken?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Actions taken according to Schedule F of SP License
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enclosures and sprinkler system are provided
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >23 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 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.18 Major dust source(s):	<input type="checkbox"/> Wind erosion	<input type="checkbox"/> Vehicle/equipment movement		
	<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/> Others: n/a		



4. Waste / Chemical Management

General

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

Packaging of Chemical Waste

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

Labelling of Chemical Waste

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

Storage of Chemical Waste

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

Liquid Waste Storage

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



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

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

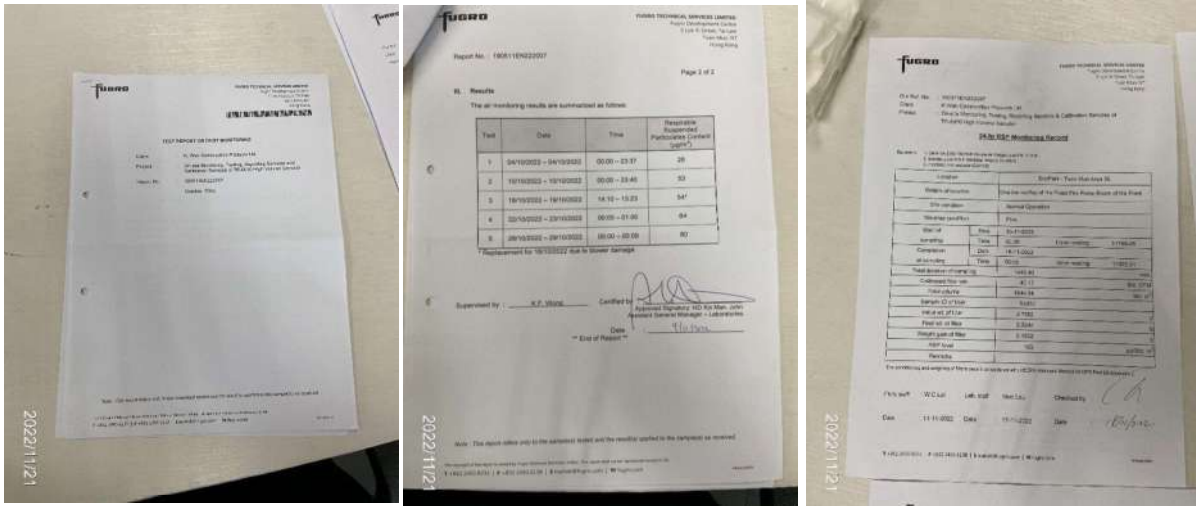
6. Others

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

Remarks:

Follow-up from Previous Observation

- During the monthly site walk inspection, It is noted that there are no further exceedances of the 24-hour RSP level recorded in October 2022. However, the 24-hour RSP level was observed to have reached 103 µg/m³ on 15 November 2022, which exceeds the action level for 24-hour RSP monitoring, as stipulated in the SP license (i.e. 100 µg/m³). The Tuen Mun fill bank is observed to remain at a high level which may have contributed to the high 24-hour RSP level. It is also observed that the tenant installed an additional set of dust suppression systems for the storage area. Besides that, the tenant has also been requested to strengthen further mitigation measures such as increasing the frequency of water spraying to minimize dust emissions. This item will be reviewed in the next inspection.



(Observed on 21 November 2022)

Signatures:

ET Representative:



Name: Timmy WONG

Date: 2022/11/21

Operator Representative:



Name: YH WONG

Date: 28/11/2022

Tenant Representative:



Name: Jess Hon

Date: 15/12/2022

IEC Representative:



Name: Lemon Lam

Date: 25 Nov 22



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"/>	
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"/>	Fall gradient is provided to direct runoff from works area to sedimentation pit
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
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No loading/unloading was observed
3.4 Dust monitoring record available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Measurement of 24-hr RSP required by SP Licence (November 2022)
a) Monitoring frequency met the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Follow-up Observation (1)
c) If exceedance is recorded, follow-up action taken?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Actions taken according to Schedule F of SP License
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enclosures and sprinkler system are provided
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.8 Vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.9 Obtained approval for installation/alteration of furnace, oven or chimney consuming over 25L liquid fuel/hour, or 35kg solid fuel/hour, or 1150MJ gaseous fuel/hour?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.10 Obtained approval for the use of liquid fuel with a viscosity point of ignition >23 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 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.18 Major dust source(s):	<input type="checkbox"/> Wind erosion	<input type="checkbox"/> Vehicle/equipment movement		
	<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/> Others: n/a		



4. Waste / Chemical Management

General

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

Packaging of Chemical Waste

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

Labelling of Chemical Waste

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

Storage of Chemical Waste

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

Liquid Waste Storage

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



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

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

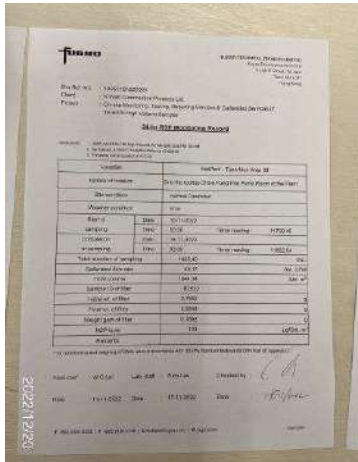
6. Others

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

Remarks:

Follow-up from Previous Observation

- During the monthly site walk inspection, It is noted that there the 24-hour RSP level was observed to have reached 103 µg/m³ on 15 November 2022, which exceeds the action level for 24-hour RSP monitoring, as stipulated in the SP license (i.e. 100 µg/m³). The Tuen Mun fill bank is observed to remain at a high level which may have contributed to the high 24-hour RSP level. It is also observed that the tenant installed an additional set of dust suppression systems for the storage area. Besides that, the tenant has also been requested to strengthen further mitigation measures such as increasing the frequency of water spraying to minimize dust emissions. This item will be reviewed in the next inspection.



(Observed on 20 December 2022)

Signatures:


ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:






Name: Timmy WONG

Name: YH WONG

Name: Jess Hon

Name: Lemon Lam

Date: 2022/12/20

Date: 31 Dec 2022

Date: 2023.01.06

Date: 29 Dec 2022

Appendix 6.6

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
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

EcoPark Operation
SITE INSPECTION CHECKLIST



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
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 checked="" type="checkbox"/> Others: n/a	
	<input type="checkbox"/> Loading/unloading of materials			



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"/>	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"/>	

EcoPark Operation
SITE INSPECTION CHECKLIST



Liquid Waste Storage

- 4.20 Storage area provided with permeation-proof floor or surface? 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? 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? Outside LFG consultation zone
- 5.2 Smoking and open fires prohibited?

6. Others

N/A Yes No Remarks

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

Remarks:

New Observation

- No major environmental deficiency was observed.

Signatures:

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Timmy WONG

Date: 2022/10/19

Name: YH WONG

Date: 26/10/2022

Name: TONY TSAI

Date: 1/11/2022

Name:

Date:

EcoPark Operation
SITE INSPECTION CHECKLIST



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

Weather

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

1. General

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

2. Water Quality

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



4. Waste / Chemical Management

General

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

Packaging of Chemical Waste

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

Labelling of Chemical Waste

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

Storage of Chemical Waste

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



Liquid Waste Storage

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

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

N/A Yes No Remarks

5.1 Alert workers and visitors of possible LFG hazards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Outside LFG consultation zone
5.2 Smoking and open fires prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

6. Others

N/A Yes No Remarks

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

Remarks:

New Observation

- No major environmental deficiency was observed.

Signatures:

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Timmy WONG

Date: 2022/11/21

Name: YH WONG

Date: 28/11/2022

Name: TONY BAI

Date: 30/11/2022

Name: Lemon Lam

Date: 23 Nov 22

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 banded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed
2.13 Drainage from maintenance area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
a) Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Collected by licensed collector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.14 Follow Cargo Handling Guideline to minimise the chance of accidental spillage during loading and unloading adjacent to marine frontage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required
2.15 Bulk cargo and materials packed properly?	<input 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
3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not Observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No stockpile of dusty material is observed
3.18 Major dust source(s):	<input type="checkbox"/>	Wind erosion	<input type="checkbox"/>	Vehicle/equipment movement
	<input type="checkbox"/>	Loading/unloading of materials	<input checked="" type="checkbox"/>	Others: n/a



4. Waste/Chemical Management

General

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

Packaging of Chemical Waste

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

Labelling of Chemical Waste

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

Storage of Chemical Waste

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



Liquid Waste Storage

- | | | | | |
|--|-------------------------------------|--------------------------|--------------------------|----------------------------|
| 4.20 Storage area provided with permeation-proof floor or surface? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | No storage of liquid waste |
| 4.21 Capacity of retention structure sufficient to accommodate contents of the largest container or 20% volume of the material in storage? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | No storage of liquid waste |
| 4.22 Walls or partitions of stacked container storage area constructed of impermeable material? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | No storage of liquid waste |

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

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

6. Others

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

Remarks:

New Observation

- No major environmental deficiency was observed.

Signatures:

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Timmy WONG

Name: YH WONG

Name: TONY TSAI

Name:

Date: 2022/12/20

Date: 31 Dec 2022

Date: 4/1/2023

Date:

Appendix 6.7

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



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 type="checkbox"/>	<input checked="" type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed.
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed
2.13 Drainage from 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"/>	Dust filter was checked and maintained.
3.12 Filtered dust/ fluorescent powder from any air pollution control equipment installed by tenants disposed of as chemical waste?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No stockpile of dusty material is observed
3.18 Major dust source(s):	<input type="checkbox"/> Wind erosion	<input type="checkbox"/> Vehicle/equipment movement		
	<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/> Others: n/a		
3.19 Shredding, crushing and sorting processes including CRT dismantling are carried out in enclosed structure(s)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	



4. Waste / Chemical Management

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 monthly report
4.6 Collection of sludge by licensed collector at regular intervals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required

Packaging of Chemical Waste

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

Labelling of Chemical Waste

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

Storage of Chemical Waste

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

Liquid Waste Storage

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



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

N/A Yes No Remarks

- 5.1 Alert workers and visitors of possible LFG hazards? _____
- 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: Timmy WONG

Name: YH WONG

Name: Dennis Wan

Name:

Date: 2022/10/19

Date: 26/10/2022

Date: 26 Oct 2022

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 type="checkbox"/>	<input checked="" type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed.
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed
2.13 Drainage from 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"/>	Dust filter was checked and maintained.
3.12 Filtered dust/ fluorescent powder from any air pollution control equipment installed by tenants disposed of as chemical waste?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No stockpile of dusty material is observed
3.18 Major dust source(s):	<input type="checkbox"/> Wind erosion	<input type="checkbox"/> Vehicle/equipment movement		
	<input type="checkbox"/> Loading/unloading of materials	<input checked="" type="checkbox"/> Others: n/a		
3.19 Shredding, crushing and sorting processes including CRT dismantling are carried out in enclosed structure(s)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	



4. Waste / Chemical Management

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 monthly report
4.6 Collection of sludge by licensed collector at regular intervals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required

Packaging of Chemical Waste

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

Labelling of Chemical Waste

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

Storage of Chemical Waste

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

Liquid Waste Storage

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



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

N/A Yes No Remarks

- 5.1 Alert workers and visitors of possible LFG hazards? _____
- 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: Timmy WONG

Name: YH WONG

Name: Dennis Wan

Name: Lemon Lam

Date: 2022/11/21

Date: 28/11/2022

Date: 1 Dec 2022

Date: 23 Nov 22

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 type="checkbox"/>	<input checked="" type="checkbox"/>	
2.5 All manholes covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.6 Foam, oil, grease, debris, rubbish and other objectionable matters prevented from entering nearby drains or sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.7 Storage of materials and equipment located away from water bodies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.8 Drainage system well maintained to prevent flooding or overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.9 Processes or activities with high risk of contamination located under covered area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2.10 Installation of stop-logs in perimeter drainage system for uncovered areas where recovery process with potentially high level of contamination is carried out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stop-logs are available for use by tenant if needed.
2.11 Equipment oil and lubrication replacements performed only in bunded maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement activity is not observed
2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed
2.13 Drainage from 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"/>	Dust filter was checked and maintained.
3.12 Filtered dust/ fluorescent powder from any air pollution control equipment installed by tenants disposed of as chemical waste?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.15 Materials transported on trucks covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.16 Truck loads to a level within the side and tail boards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not observed
3.17 Stockpiles of dusty materials covered or regularly watered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No stockpile of dusty material is observed
3.18 Major dust source(s):	<input type="checkbox"/> Wind erosion <input type="checkbox"/> Vehicle/equipment movement <input type="checkbox"/> Loading/unloading of materials <input checked="" type="checkbox"/> Others: n/a			
3.19 Shredding, crushing and sorting processes including CRT dismantling are carried out in enclosed structure(s)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	



4. Waste / Chemical Management

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 monthly report
4.6 Collection of sludge by licensed collector at regular intervals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not required

Packaging of Chemical Waste

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

Labelling of Chemical Waste

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

Storage of Chemical Waste

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

Liquid Waste Storage

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



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

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

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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Storage area in compliance with the approved plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Storage area is securely locked?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c) Total storage capacity in compliance with relevant statutory requirement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d) Proper labelling provided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e) Dangerous goods properly packaged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Remarks:

New Observations

No major environmental deficiency was observed.

Signatures:

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Timmy WONG

Name: YH WONG

Name: Dennis Wan

Name:

Date: 2022/12/20

Date: 31 Dec 2022

Date: 3 Jan 2023

Date:

Appendix 6.8

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

EcoPark Operation
SITE INSPECTION CHECKLIST



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

Weather

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

1. General

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

2. Water Quality

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

EcoPark Operation
SITE INSPECTION CHECKLIST



3. Air Quality

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

EcoPark Operation
SITE INSPECTION CHECKLIST



4. Waste / Chemical Management

General

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

Packaging of Chemical Waste

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

Labelling of Chemical Waste

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

Storage of Chemical Waste

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

Liquid Waste Storage

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

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

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

EcoPark Operation
SITE INSPECTION CHECKLIST



	N/A	Yes	No	Remarks
6.1 Works confined within lot boundaries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.2 Damage to surrounding areas avoided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.3 Site lighting designed to avoid glare to surrounding receivers?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.4 Materials and machinery stored in an orderly manner?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.5 Areas within lot for recycling activities paved with concrete?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.6 Potential stagnant pools cleared and mosquito breeding prevented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6.7 Valid calibration certificate for any monitoring equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not 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: Timmy WONG

Name: YH WONG

Name: Steven Chin

Name: Hilton TAM

Date: 2022/10/19

Date: 26/10/2022

Date: 26/10/2022

Date: 2022/10/26

EcoPark Operation
SITE INSPECTION CHECKLIST



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

Weather

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

1. General

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

2. Water Quality

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

EcoPark Operation
SITE INSPECTION CHECKLIST



3. Air Quality

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

EcoPark Operation
SITE INSPECTION CHECKLIST



4. Waste / Chemical Management

General

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

Packaging of Chemical Waste

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

Labelling of Chemical Waste

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

Storage of Chemical Waste

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

Liquid Waste Storage

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

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

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

EcoPark Operation
SITE INSPECTION CHECKLIST



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: Timmy WONG

Name: YH WONG

Name: Steven Chiu

Name: Lemon Lam

Date: 2022/11/21

Date: 28/11/2022

Date: 28/11/2022

Date: 23 Nov 22

EcoPark Operation
SITE INSPECTION CHECKLIST



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

Weather

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

1. General

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

2. Water Quality

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

EcoPark Operation
SITE INSPECTION CHECKLIST



3. Air Quality

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



4. Waste / Chemical Management

General

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

Packaging of Chemical Waste

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

Labelling of Chemical Waste

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

Storage of Chemical Waste

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

Liquid Waste Storage

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

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

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

EcoPark Operation
SITE INSPECTION CHECKLIST



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: Timmy WONG

Name: YH WONG

Name: Steven Chin

Name: Lemon Lam

Date: 2022/12/20

Date: 31 Dec 2022

Date: 3/1/2022

Date: 29 Dec 2022

Appendix 6.9

Tenant-specific Audit Checklists for the Reporting Quarter
Hong Kong Battery and Recycling Centre (HKBRC) Ltd



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

Weather

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

1. General

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

2. Water Quality

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



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

3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Air Pollution Control (Specified Processes) Regulations
a) SP Licence conditions / monitoring requirements comply?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Quarterly reporting on results of analysis of the particulate monitoring (Apr - Jun 22)
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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 (July 2022)
a) Monitoring frequency met the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No operation is observed during inspection
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input 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"/>	No operation is observed during inspection
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	



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

4. Waste/Chemical Management

General

- | | N/A | Yes | No | Remarks |
|--|-------------------------------------|-------------------------------------|--------------------------|-------------------------------|
| 4.1 Registered as chemical waste producer? | <input 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 type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | _____ |
| 4.10 Obtained approval for the use of chemical waste container >450L? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | _____ |

Labelling of Chemical Waste

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

Storage of Chemical Waste

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

Name: YH WONG

Name: Andy NG

Name: Hilton TAM

Date: 2022/10/19

Date: 26/10/2022

Date: 2022/11/28

Date: 2022/10/26

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

EcoPark Operation
SITE INSPECTION CHECKLIST



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

3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Air Pollution Control (Specified Processes) Regulations
a) SP Licence conditions / monitoring requirements comply?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Quarterly reporting on results of analysis of the particulate monitoring (Apr - Jun 22)
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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 (July 2022)
a) Monitoring frequency met the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No operation is observed during inspection
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input 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"/>	No operation is observed during inspection
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

EcoPark Operation
SITE INSPECTION CHECKLIST



- 3.15 Materials transported on trucks covered? Not observed _____
- 3.16 Truck loads to a level within the side and tall 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 Vehicles/equipment movement
- Loading/unloading of materials Others: w/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 required

Packaging of Chemical Waste

4.7 Stored in suitable containers?	<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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____

Labelling of Chemical Waste

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

Storage of Chemical Waste

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

Name: Timmy WONG

Date: 2022/11/21

Operator Representative:

Name: YH WONG

Date: 28/11/2022

Tenant Representative:

Name: Stanley Pong
 Date: 29/11/2022

IEC Representative:

Name: Lemon Lam

Date: 23 Nov 22

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

EcoPark Operation
SITE INSPECTION CHECKLIST



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

3. Air Quality

	N/A	Yes	No	Remarks
3.1 Valid Specified Process (SP) Licence available for all specified process?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Air Pollution Control (Specified Processes) Regulations
a) SP Licence conditions/monitoring requirements comply?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Quarterly reporting on results of analysis of the particulate monitoring (Jul - Sept22)
3.2 Operate without generation of noticeable odour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) If odour is detected, can the source be identified?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Odourous materials covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c) If odour control system is installed, is it operating normally?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3 Dusty materials dampened prior to loading/unloading?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.4 Dust monitoring record available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Measurement of 24-hr RSP required by SP Licence (Nov 2022)
a) Monitoring frequency met the licence requirement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b) Any exceedance?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
c) If exceedance is recorded, follow-up action taken?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3.5 Dust-suppression measures provided where main dust-generating activities take place (i.e. enclosures or regular dampening)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No operation is observed during inspection
3.6 Open burning prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3.7 Emission from chimney or powered plant free of black smoke?	<input 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"/>	No operation is observed during inspection
3.12 Dust collected by any air pollution control equipment installed by tenants tested to ensure compliance for landfill disposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a) Obtained approval for the use of controlled refrigerant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) If yes, record of refrigeration equipment service available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.13 Only ultra-low sulphur diesel is used for activities requiring liquid fuel?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.14 Public road around site entrance kept clean and free from dust?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

EcoPark Operation
SITE INSPECTION CHECKLIST



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

4. Waste / Chemical Management

General

- | | N/A | Yes | No | Remarks |
|--|-------------------------------------|-------------------------------------|--------------------------|-------------------------------|
| 4.1 Registered as chemical waste producer? | <input 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 type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4.10 Obtained approval for the use of chemical waste container >450L? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |

Labelling of Chemical Waste

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

Storage of Chemical Waste

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

EcoPark Operation
SITE INSPECTION CHECKLIST



Liquid Waste Storage

- 4.20 Storage area provided with permeation-proof floor or surface? _____
- 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? _____
- 6.8 Valid licence(s) obtained for manufacture or storage of dangerous goods?
 a) Storage area in compliance with the approved plan? Not required
 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:

Name: Timmy WONG

Date: 2022/12/20

Operator Representative:

Name: YH WONG

Date: 31 Dec 2022

Tenant Representative:

Name: Michelle Lam

Date: 6 Jan 2023

IEC Representative:

Name: Lemon Lam

Date: 29 Dec 2022

Appendix 6.10

Tenant-specific Audit Checklists for the Reporting Quarter
Baguio Waste Management & Recycling 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 EPO?	<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"/>	This Licence shall perform self-monitoring as and when required by the Authority.
a) Sampling record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) Monitoring frequency meet 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"/>	
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"/>	
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

EcoPark Operation
SITE INSPECTION CHECKLIST



2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed
2.13 Drainage from fuel dispensing area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input 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) Odorous 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 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"/>	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"/>	
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"/>	
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"/>	No operation was observed during inspection
3.12 Filtered dust/ fluorescent powder from any air pollution control equipment installed by tenants disposed of as chemical waste?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No chemical waste is generated.
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"/>	

EcoPark Operation
SITE INSPECTION CHECKLIST



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

Packaging of Chemical Waste

- 4.7 Stored in suitable container?
- 4.8 Container properly closed or sealed?
- 4.9 Spillage cleaned up immediately through the use of absorbent?
- 4.10 Obtained approval for the use of chemical waste container >450L?

Labelling of Chemical Waste

- 4.11 Provision of chemical waste label?
- a) Label is securely attached and visible?
- b) Label is bilingual and in proper dimension?
- c) Information is accurate and sufficient?

Storage of Chemical Waste

- 4.12 Proper "Chemical Waste" sign displayed?
- 4.13 Incompatible wastes separated by impermeable partition? 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)?
- 4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container/stack of containers?
- 4.16 Properly stored and locked in designated area with adequate ventilation?
- 4.17 Storage area paved with concrete and kept clean and dry?
- 4.18 Cover provided for outdoor storage area?
- 4.19 Chemical waste collected by licensed collector?

EcoPark Operation
SITE INSPECTION CHECKLIST



Liquid Waste Storage

- 4.20 Storage area provided with permeation-proof floor or surface?
- 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? | <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

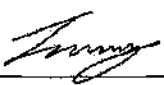
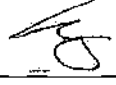
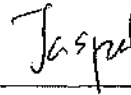

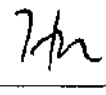
- | | N/A | Yes | No | Remarks |
|--|-------------------------------------|-------------------------------------|--------------------------|--------------|
| 6.1 Works confined within lot boundaries? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 6.2 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 type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| a) Storage area in compliance with the approved plan? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| b) Storage area is securely locked? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| c) Total storage capacity in compliance with relevant statutory requirement? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| d) Proper labelling provided? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| e) Dangerous goods properly packaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

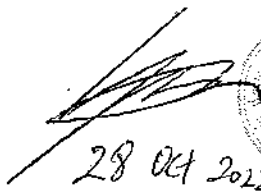
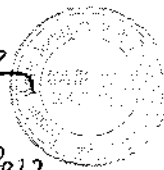
Remarks:

New Observations

- No major environmental deficiency was observed.

Signatures:

ET Representative:  Name: Timmy WONG Date: 2022/10/19	Operator Representative:  Name: YH WONG Date: 28/10/2022	Tenant Representative:   Name: JASPER CHOI Date: 28/10/2022	LBC Representative:  Name: Hilton TAM Date: 2022/10/26
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 28 Oct 2022

 Jason Wong

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"/>	The Licensee shall perform self-monitoring as and when required by the Authority.
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"/>	
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"/>	
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.

EcoPark Operation
SITE INSPECTION CHECKLIST



2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed
2.13 Drainage from fuel dispensing area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input 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 stockpiles 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 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"/>	Agalan AQOUSBPA
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"/>	
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"/>	
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"/>	No operation was observed during inspection
3.12 Filtered dust/ fluorescent powder from any air pollution control equipment installed by tenants disposed of as chemical waste?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No chemical waste is generated.
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"/>	

EcoPark Operation
SITE INSPECTION CHECKLIST



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

Packaging of Chemical Waste

- 4.7 Stored in suitable container?
- 4.8 Container properly closed or sealed?
- 4.9 Spillage cleaned up immediately through the use of absorbent?
- 4.10 Obtained approval for the use of chemical waste container >450L?

Labelling of Chemical Waste

- 4.11 Provision of chemical waste label?
- a) Label is securely attached and visible?
- b) Label is bilingual and in proper dimension?
- c) Information is accurate and sufficient?

Storage of Chemical Waste

- 4.12 Proper "Chemical Waste" sign displayed?
- 4.13 Incompatible wastes separated by impervious partition? 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)?
- 4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container / stack of containers?
- 4.16 Properly stored and locked in designated area with adequate ventilation?
- 4.17 Storage area paved with concrete and kept clean and dry?
- 4.18 Cover provided for outdoor storage area?
- 4.19 Chemical waste collected by licensed collector?

EcoPark Operation
SITE INSPECTION CHECKLIST



Liquid Waste Storage

- 4.20 Storage area provided with permeation-proof floor or surface? _____
- 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? 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? _____
 - 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: Timmy WONG

Name: YH WONG

Name: JASPER AU

Name: Lemon Lam

Date: 2022/11/21

Date: 28/11/2022

Date: 8/12/2022

Date: 23 Nov 22

Jason Wong
 8 Dec 2022

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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a) Sampling record available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The Licensee shall perform self-monitoring as and when required by the Authority.
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"/>	
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"/>	
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

EcoPark Operation
SITE INSPECTION CHECKLIST



2.12 Contaminated water collected in the surface drainage system is treated at water treatment facility or other appropriate treatment facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No contaminated water is observed
2.13 Drainage from fuel dispensing area discharged via oil interceptor?	<input checked="" type="checkbox"/>	<input 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 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"/>	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"/>	
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"/>	
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"/>	No operation was observed during inspection
3.12 Filtered dust/ fluorescent powder from any air pollution control equipment installed by tenants disposed of as chemical waste?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No chemical waste is generated.
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"/>	

EcoPark Operation
SITE INSPECTION CHECKLIST



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

Packaging of Chemical Waste

- 4.7 Stored in suitable container?
- 4.8 Container properly closed or sealed?
- 4.9 Spillage cleaned up immediately through the use of absorbent?
- 4.10 Obtained approval for the use of chemical waste container >450L?

Labelling of Chemical Waste

- 4.11 Provision of chemical waste label?
- a) Label is securely attached and visible?
- b) Label is bilingual and in proper dimension?
- c) Information is accurate and sufficient?

Storage of Chemical Waste

- 4.12 Proper "Chemical Waste" sign displayed?
- 4.13 Incompatible wastes separated by impermeable partition? 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)?
- 4.15 Enclosed on 3 sides with no less than 2m in height or height of tallest container/stack of containers?
- 4.16 Properly stored and locked in designated area with adequate ventilation?
- 4.17 Storage area paved with concrete and kept clean and dry?
- 4.18 Cover provided for outdoor storage area?
- 4.19 Chemical waste collected by licensed collector?

EcoPark Operation
SITE INSPECTION CHECKLIST



Liquid Waste Storage

- 4.20 Storage area provided with permeation-proof floor or surface? _____
- 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? | <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 type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| a) Storage area in compliance with the approved plan? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| b) Storage area is securely locked? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| c) Total storage capacity in compliance with relevant statutory requirement? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| d) Proper labelling provided? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| e) Dangerous goods properly packaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

Remarks:

New Observations

No major environmental deficiency was observed.

Signatures:

ET Representative:

Name: Timmy WONG

Date: 2022/12/20

Operator Representative:

Name: YH WONG

Date: 31 Dec 2022

Tenant Representative:

Name: JASPER

Date: 4 Jan 2023



IEC Representative:

Name: Lomon Lam

Date: 29 Dec 2022

Jason Wong
 4 Jan 2023



Appendix 6.11

Tenant-specific Audit Checklists for the Reporting Quarter General EcoPark Checklist

EcoPark Operation
SITE INSPECTION CHECKLIST



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

Weather




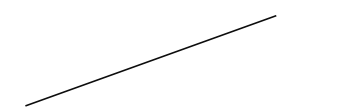
Condition: Sunny Fine Overcast Drizzle Rain Storm Hazy
 Temperature: °C Humidity: High Moderate Low
 Wind: Calm Light Breeze Strong

New Observation

Lot T7, T2/T3, T8-11, P1, P5-P7, P12

· No major environmental deficiency was observed.

Signatures:

ET Representative:	Operator Representative:	Tenant Representative:	IEC Representative:
			
Name: Timmy WONG	Name: YH WONG	Name:	Name:
Date: 2022/10/19	Date: 26/10/2022	Date:	Date:

EcoPark Operation
SITE INSPECTION CHECKLIST



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

Weather



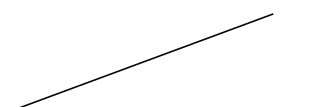

Condition: Sunny Fine Overcast Drizzle Rain Storm Hazy
Temperature: °C Humidity: High Moderate Low
Wind: Calm Light Breeze Strong

New Observation

Lot T7, T2/T3, T8-11, P1, P5-P7, P12

No major environmental deficiency was observed.

Signatures:

ET Representative:	Operator Representative:	Tenant Representative:	IEC Representative:
			
Name: Timmy WONG	Name: YH WONG	Name:	Name: Lemon Lam
Date: 2022/11/21	Date: 28/11/2022	Date:	Date: 23 Nov 22

SITE INSPECTION CHECKLIST



Inspection Date: 2022/12/20

Time: 09:30 - 12:45

Inspected by: Timmy WONG

Lot Number: n/a

Tenant: n/a

Weather

Condition: Sunny Fine Overcast Drizzle Rain Storm Hazy

Temperature: 20 °C Humidity: High Moderate Low

Wind: Calm Light Breeze Strong

New Observation

Lot T7, T2/T3, T8-11, P1, P5-P7, P12

No major environmental deficiency was observed.

Signatures:

ET Representative:

Operator Representative:

Tenant Representative:

IEC Representative:

Name: Timmy WONG

Name: YH WONG

Name:

Name:

Date: 2022/12/20

Date: 31 Dec 2022

Date:

Date:

Appendix 7
Complaints Log

Log Reference	016
Date	19 th October 2022
Location	Champway Technology Ltd. (Lot T5)
Complainant/ Date of Contact	A successful prosecution record was referred by the Project Proponent on 10 th October 2022 regarding the exceedance of the discharge limit at Champway
Details of Complaint	A successful prosecution record was referred by the Project Proponent on 10 th October 2022 regarding the exceedance of the discharge limit at Champway Technology Ltd. (Lot T5). One of the determinants, BOD ₅ , in the water sample collected on 17 th December 2021 exceeded the limit as allowed under its WPCO licence.
Investigation/ Mitigation Action	<p>A joint site inspection with Eco Park Operator, IEC and ET was conducted on 19th October 2022 at Champway Technology Ltd. (Lot T5).</p> <p>During the joint site inspection, no environmental defiance on wastewater handling was recorded. After checking the bi-monthly sampling reports provided by the tenant, all testing parameters complied with the limit specified in the discharge license under the WPCO, no exceedance record was observed since the successful prosecution in December 2021.</p> <p>Meanwhile, the tenant was reminded to review the wastewater treatment procedures and the performance of the wastewater treatment facility. The tenant also has been recommended to increase the cleaning frequency of the grease traps.</p>
Follow-up Action	To follow up on the implementation schedule for the environmental mitigation measures proposed in the EM&A Manual, ET will particularly inspect the wastewater handling of the tenant (Lot T5) during future site inspections of Eco Park.
Status	Closed