Environmental Permit No. FEP-01/571/2019/B

Proposed Golf Course Development at Tai Po Lot No. 246 Shuen Wan

Environmental Team Leader Certification

Reference Document

Document to be Certified:	Design Plan
Date of Report:	December 2025
Date received by ETL:	15 December 2025

Reference EP Condition

Environmental Permit Condition: 2.20

The Permit Holder shall, no later than three months before the commencement of construction of the Project or otherwise approved by the Director, submit 5 hard copies and 1 electronic copy of a Design Plan with details on the interfacing works including all demolition, relocation, reprovision and modification works of the existing landfill restoration facilities to the Director for approval. The Design Plan shall be based on the approved Construction Phasing Plan under Condition 2.15 of this Permit, and shall include but not limited to the following:

(i) the objectives of the design and works;
(ii) landfill facilities affected by the design and the works;
(iii) the location of affected facilities;
(iv) drawings to show the design of new facilities proposed;
(v) a summary table detailing the affected facilities and the proposed modification works involved, and the mitigation measures to be employed;
(vi) potential environmental impacts of the design and works;
(vii) any safety precaution and monitoring required, and
(viii) impact assessment on waste excavated, if any, as well as its disposal.

The Design Plan shall be prepared in consultation with the Shuen Wan Landfill Restoration Contractor. The Design Plan shall be certified by the ET Leader, verified by Independent Landfill Consultant, and then verified by the IEC for approval by the Director.

ETL Certification

I hereby certify that the above reference report complies with the above referenced condition of FEP-01/571/2019/B.

Mr. Calvin Leung
Environmental Team Leader

Date: 16 December 2025

Environmental Permit No. FEP-01/571/2019/B

Proposed Golf Course Development at Tai Po Lot No. 246 Shuen Wan

Independent Landfill Consultant Verification

Reference Document

Document to be Verified:	Design Plan
Date of Report:	December 2025
Date received by Independent Landfill Consultant:	15 December 2025

Reference EP Condition

Environmental Permit Condition: 2.20

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(vii) any safety precaution and monitoring required, and
(viii) impact assessment on waste excavated, if any, as well as its disposal.

The Design Plan shall be prepared in consultation with the Shuen Wan Landfill Restoration Contractor. The Design Plan shall be certified by the ET Leader, verified by Independent Landfill Consultant, and then verified by the IEC for approval by the Director.

Independent Landfill Consultant Verification

I hereby verify that the above reference report complies with the above referenced condition of FEP-01/571/2019/B.

Meinhardt Infrastructure and Environment Limited
Independent Landfill Consultant

Date: 16 December 2025

Environmental Permit No. FEP-01/571/2019/B

Proposed Golf Course Development at Tai Po Lot No. 246 Shuen Wan

Independent Environmental Checker Verification

Reference Document

Document to be Verified:	Design Plan
Date of Report:	December 2025
Date received by IEC:	15 December 2025

Reference EP Condition

Environmental Permit Condition: 2.20

The Permit Holder shall, no later than three months before the commencement of construction of the Project or otherwise approved by the Director, submit 5 hard copies and 1 electronic copy of a Design Plan with details on the interfacing works including all demolition, relocation, reprovision and modification works of the existing landfill restoration facilities to the Director for approval. The Design Plan shall be based on the approved Construction Phasing Plan under Condition 2.15 of this Permit, and shall include but not limited to the following:

(i) the objectives of the design and works;
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(vi) potential environmental impacts of the design and works;
(vii) any safety precaution and monitoring required, and
(viii) impact assessment on waste excavated, if any, as well as its disposal.

The Design Plan shall be prepared in consultation with the Shuen Wan Landfill Restoration Contractor. The Design Plan shall be certified by the ET Leader, verified by Independent Landfill Consultant, and then verified by the IEC for approval by the Director.

IEC Verification

I hereby verify that the above reference report complies with the above referenced condition of FEP-01/571/2019/B.

Mr. Adi Lee
Independent Environmental Checker

Date: 16 December 2025

ARUP

Tai Po Golf Club Limited

Proposed Golf Course Development at Tai Po Lot No. 246 Shuen Wan

Design Plan

Reference: 289499-REP-028-05

Job number 289499

Ove Arup & Partners Hong Kong Limited
Level 5 Festival Walk
80 Tat Chee Avenue
Kowloon Tong
Kowloon
Hong Kong
arup.com

Contents

Appendices

1. Project Background

1.1.1.1 In June 2017, the Chief Executive in Council has agreed in principle to the government proposal to grant a piece of land in Tai Po in exchange for its private land in Sha Lo Tung which has high ecological values. Under the non-in-situ land exchange proposal, the piece of land at the Shuen Wan Restored Landfill in Tai Po will be granted and the Sha Lo Tung site would be considered by government for active conservation management to avoid degradation and damage for long-term public enjoyment. This land exchange proposal is a unique, exceptional and isolated case, adding the idea is technically feasible as the private land ownership is largely unified under one entity and both Sha Lo Tung and the land at the landfill site, which has been planned for golf course development, are located in Tai Po, as shown in Figure 1 of FEP-01/571/2019/B (extracted as **Appendix 1.1**). The non-in-situ land exchange proposal has been completed in July 2022, and the Project Site has been handed over to the Project Proponent (PP).

1.1.1.2 The Project is a Designated Project (DP) under Environmental Impact Assessment Ordinance (EIAO), and an Environmental Impact Assessment (EIA) study was conducted in 2017. The *Shuen Wan Golf Course EIA Report* was approved by the Director of Environmental Protection (DEP) on 5 July 2019 (AEIAR-221/2019) ("the approved EIA Report") with the Environmental Permit (EP, EP-571/2019) issued on 20 September 2019. An application of Further Environmental Permit (FEP) has been made by Tai Po Golf Club Limited (the PP) and FEP was issued on 29 November 2022 (FEP-01/571/2019). Besides, surrender of EP-571/2019 has been applied and approved on 9 December 2022. In addition, an application for variation of EP has been made on 16 May 2023 to amend FEP-01/571/2019, and the amended EP was issued on 6 June 2023 (FEP-01/571/2019/A). Furthermore, another application for variation of EP has been made on 4 August 2025 to amend FEP-01/571/2019/A, and the amended EP was issued on 2 September 2025 (FEP-01/571/2019/B).

1.1.1.3 As stipulated in Condition 2.20 of FEP-01/571/2019/B, Design Plan with details on the interfacing works including all demolition, relocation, reprovision and modification works of the existing landfill restoration facilities to the DEP for approval. The Design Plan shall be based on the approved Construction Phasing Plan under Condition 2.15 of this EP. The Design Plan shall be prepared in consultation with the Shuen Wan Landfill Restoration Contractor. The Design Plan shall be certified by the Environmental Team (ET) Leader, verified by Independent Landfill Consultant, and then verified by the Independent Environmental Checker (IEC) for approval by the DEP.

2. Design Plan

2.1 General

2.1.1.1 The Design Plan is prepared to comply with Conditions 2.20 of FEP-01/571/2019/B. This Design Plan contains the objectives of the design and works, landfill facilities affected by the design and the works, the location of affected facilities, drawings to show the design of new facilities proposed, a summary table detailing the affected facilities and the proposed modification works involved, and the mitigation measures to be employed, potential environmental impacts of the design and works, any safety precaution and monitoring required, and impact assessment on waste excavated, if any, as well as its disposal.

2.2 Objectives of the Design and Works

2.2.1.1 The proposed golf course is located atop the existing Shuen Wan Restored Landfill. The existing restoration facilities installed mainly include landfill capping layer, landfill gas (LFG) management system, and leachate management system.

2.2.1.2 Due to extensive coverage of existing LFG and leachate management system in the Project Site, consideration of the proposed golf course development and safety of golfers , it is unavoidable that some of the existing restoration facilities installed will be modified or relocated to avoid conflict with the proposed rough, tees, and greens.

2.2.1.3 By inspection of the locations of the existing landfill facilities and the proposed Tai Po Golf Club (TPGC) golf course layout plan, the objective of the Design Plan as presented herein is to replace the existing landfill facilities to avoid clashing with the proposed golf course features (tees, fairways, greens, etc.) while at the same time maintaining functional performance. Details of the proposed modification works involved could refer to **Appendix 2.1**.

2.3 Landfill Facilities Affected by the Design and Works

2.3.1.1 The existing landfill facilities affected by the Design and Works include those shown in a series of drawings attached hereto, and detailed in a series of tables corresponding to each landfill-related component feature in **Appendix 2.1** to **Appendix 2.2**.

2.4 Location of Affected Facilities

2.4.1.1 The location of each of the existing facilities to be affected by the proposed golf course development are detailed in the tables corresponding to each landfill-related component featured by elevation in **Appendix 2.2**.

2.5 Drawings to Illustrate Design of Proposed Facilities

2.5.1.1 The design of the proposed landfill-related facilities which will be developed as modifications to/replacement of the existing landfill-related features; including the following (refer below) are shown in a series of drawings attached hereto and as summarized in the Drawing Index in **Appendix 2.1** to **Appendix 2.2**.

Landfill Gas

1. Landfill Gas Extraction
2. Landfill Gas Passive Ventilation System
3. Landfill Gas Monitoring Probes

Leachate

4. Leachate Extraction
5. Leachate Collection
6. Leachate Recirculation
7. Leachate Transmission
8. Leachate Monitoring

Capping System

9. Subsoil Drainage
10. Infiltration Cells

Monitoring

11. Settlement Monitoring
12. Groundwater Monitoring
13. Leachate Monitoring
14. Air Quality Monitoring
15. Slope G Monitoring

2.6 Summary Table of Affected Facilities, Proposed Modification Works and Mitigation Measures

2.6.1.1 A series of summary tables of the existing landfill-related facilities which will be affected by the proposed golf course development is included as **Appendix 2.2** hereto. These tables also include details of the proposed modification works and corresponding mitigation measures.

2.7 Potential Environmental Impacts of the Design and Works

2.7.1.1 The potential environmental impacts associated with decommissioning of the existing landfill related facilities and construction/installation of the replacement facilities include, and are generally limited to exposure of the underlying waste, landfill gas, potentially leachate and other potential environmental impacts to the environment; with details including the following:

2.7.2 Air Quality

2.7.2.1 The proposed modification works are relatively minor works. With the implementation of dust control mitigation measures and good site practices, potential construction dust impact is not anticipated.

2.7.3 Noise

2.7.3.1 The proposed modification works are relatively minor works. Given the implementation of good site management practices and noise mitigation measures, potential construction noise impact is not anticipated.

2.7.4 Water Quality

2.7.4.1 Construction site runoff, sewage arising from the on-site construction workforce and potential contact with leachate are the key identified environmental impacts. With the good site practices implemented and proper temporary sanitary facilities provided to properly collect the on-site sewage generated from the construction workers, no potential water quality impact is anticipated.

2.7.4.2 In terms of potential contact with leachate due to the opening of geomembrane component of the existing restoration capping system, potential related environmental impacts are elaborated in **Section 2.7.5**.

2.7.5 Waste Management Implications

2.7.5.1 The proposed modification works are relatively minor, and waste generated will be limited. With the implementation of mitigation measures, adverse environmental impact from waste management is not anticipated.

2.7.5.2 Opening the geomembrane component of the existing Restoration capping system for installation of the below-Restoration capping system components of the new landfill facilities will consequentially expose the underlying waste mass to the environment. As a result,

Additional/Increased Leachate Generation

- There is a potential for additional leachate generation through exposure of the works area to rainfall and/or surface water runon during the replacement landfill facilities construction/ installation process.

Contaminated Surface Water Runoff

- There is a potential of generating contaminated surface water runoff if the open excavation were to be flooded and/or if the excavated waste or capping system soils were exposed to rainfall or surface water runon/runoff.

Landfill gas emissions to the atmosphere.

- There is a potential for the landfill gas generated within the waste mass to be emitted to the atmosphere or oxygen to ingress into the waste mass while the restoration capping system remains open during the installation of the new, replacement landfill facilities.

2.7.5.3 These potential environmental impacts will generally be mitigated through:

- advanced planning of the works;
- coordination of the works with favouable weather conditions;

- limiting the duration over which the restoration capping system area will remain open and exposed to the environment through:
- limiting the time it will take to execute the works through use of organized and experienced specialist labour for particularly installation and seaming of the geomembrane components of the landfill facilities and the restoration capping system.

2.7.5.4 More specific mitigation measures will include:

- limiting the decommissioning of the existing landfill facilities to removal of a portion of the monitoring standpipe and placement of a concrete seal above rather than through the capping system membrane to excavate and remove the remaining in-situ components;
- continued operation of the adjacent landfill gas wells to maintain an inward flow of air and therefore minimise the release of gases to the atmosphere (with caution to not overdraw oxygen into the landfill gas extraction system so as to reduce the risk of fire);
- employing a drilling rig to form a borehole to insert the vertical pipe sump into rather than using an excavator;
- pre-fabrication of as many components to be installed below the restoration capping system as practically possible rather than on-site fabrication;
- employing sub-contractors with experienced personnel for installation and seaming of particularly the geomembrane components of the landfill facilities and the restoration capping system;
- placement of a tarpaulin or geomembrane around the works area to minimize potential contamination as the excavated waste is removed;
- placing sandbags or a soil mound around the works area to prevent runoff of contaminated materials and liquids, and runon of surface water; and
- placement of excavated waste directly into a lined container (truck, roll-off box, etc.) rather than stockpiling on the ground surface prior to disposal.

2.7.6 Landfill Gas Hazards

2.7.6.1 An updated qualitative risk assessment for landfill gas (LFG) hazards have been conducted in the Construction Phase Landfill Gas Hazard Assessment (CPLFGHA) required under Condition 2.22 of the EP. With the implementation of appropriate protective and precautionary measures, adverse impacts on the targets are mitigated to acceptable level.

2.7.7 Hazard to Life

2.7.7.1 The Project Site will be located partially within the 1,000m consultation zone (CZ) of Tai Po Gas Production Plant (TPGPP) of Hong Kong and China Gas Company Limited (HKCG). According to Condition 2.41 of the EP, no more than a total population number of 500 shall be allowed at any time within the Project Site that falls within the CZ of TPGPP. Given the abovementioned population arrangement, the proposed modification works is not likely to induce a significant change to the prevailing risk level of TPGPP.

2.7.8 Land Contamination

2.7.8.1 Land Contamination Review (LCR) required under Condition 2.19 of the EP has concluded that no land contamination activities and potential contaminated area within the boundary of the storage/ workshop area, and the LCR has been approved by the DEP in February 2024. Thus, adverse environmental impact from land contamination is not anticipated.

2.7.9 Other Aspects (Ecology, Fisheries, Landscape and Visual)

2.7.9.1 The proposed modification works are relatively minor works. With the implementation of mitigation measures required under the EP, and recommendations in the submissions required under the EP, potential ecological impacts, potential indirect impact on fisheries resources, as well as landscape and visual impacts are not anticipated.

2.8 Safety Precautions

2.8.1.1 The recommended and required safety precautions associated with decommissioning of the existing and/or construction of the new, replacement landfill facilities is generally related to the exposure of the waste mass underlying the restoration capping system to the environment; and the potential asphyxiating or explosive environment that is present in and around the gases generated by the landfilled waste.

2.8.1.2 As a general safety precaution, each existing and new, replacement landfill facilities location will be cordoned off from the immediate vicinity during decommissioning of existing landfill facilities and construction/installation (new, replacement landfill facilities).

2.8.1.3 As the landfill facilities are to be installed more than 3 m below the geomembrane or drainage layer component of the existing restoration capping systems, it is anticipated that waste will be encountered during the installation process. In such instances, safety precautions will include general compliance with the CPLFGHA, specifically, but not necessarily limited to:

- Notification, of all personnel through training and signage, to the potential hazards of landfill gas and leachate while working on a former, now restored landfill site;
- Enforcement of restrictions to open flame, smoking and hot works in the vicinity of the excavation;
- Pre-fabrication of components of the landfill facilities materials which require hot works to the extent practically possible; and
- Monitoring for landfill gas emissions, including methane, carbon dioxide and oxygen; at the location(s) and frequency, and with response to exceedances in accordance with the CPLFGHA if and when such were to occur. Refer to the CPLFGHA for additional requirements and details.

2.8.1.4 As practically possible, it is anticipated that the vertical sump shaft and collection apron of each new landfill facilities be installed prior to the site formation fill placement in the vicinity; this to minimize the temporary excavation and lateral support (ELS) works required if these works were performed from the finish golf course level.

2.8.1.5 The installation of the vertical sump shaft should be formed by drilling so as to avoid the ELS works that would otherwise be necessary if they were to be formed by excavator or similar means. The pipe serving as the vertical sump should be installed as soon as possible after the borehole is formed. And the installation of the below Restoration capping system components should be completed as soon as practically possible; preferably within the same day; so as to allow the overlying geomembrane to also be sealed and not remain open overnight.

2.9 Excavated Waste Impact Assessment

2.9.1.1 It will be necessary to excavate waste to install the new, replacement landfill facilities, particularly the vertical pipe shaft designed to accommodate the standpipe riser. The impact of such excavation can be minimized by:

- Consideration of re-design to reduce the depth of the vertical shaft to accommodate the standpipe riser. This would be done upon review of the historic monitoring results.
- Minimizing the size of the excavation and thus the volume of waste excavated by potentially forming the void for the vertical pipe shaft by drilling a borehole rather than by excavator bucket.
- Minimizing the period of time the excavation remains open during construction by pre-fabrication of as many components as possible; particularly the vertical pipe shaft, and/or attempting to complete below-capping system installation activities within a single-day.
- Coordination of all below-capping system installation activities with periods of several consecutive days of forecasted fine weather.
- Placement of the excavated waste directly into a lined truck, roll-off box or similar equipped receptacle with a cover that can be deployed in the event it remains on-site overnight and when the waste is transported to a landfill for disposal.
- Mound soil or sandbags around the perimeter of the excavation to prevent surface water run-on.
- Install a temporary cover over the area to minimize the potential of capturing incident rainfall.

Appendix 1.1

Figure 1 of FEP-01/571/2019/B

Legend 圖例

Project Location
工程項目位置

1.2 ha Core Roosting Area
1.2 公頃核心夜間棲息地

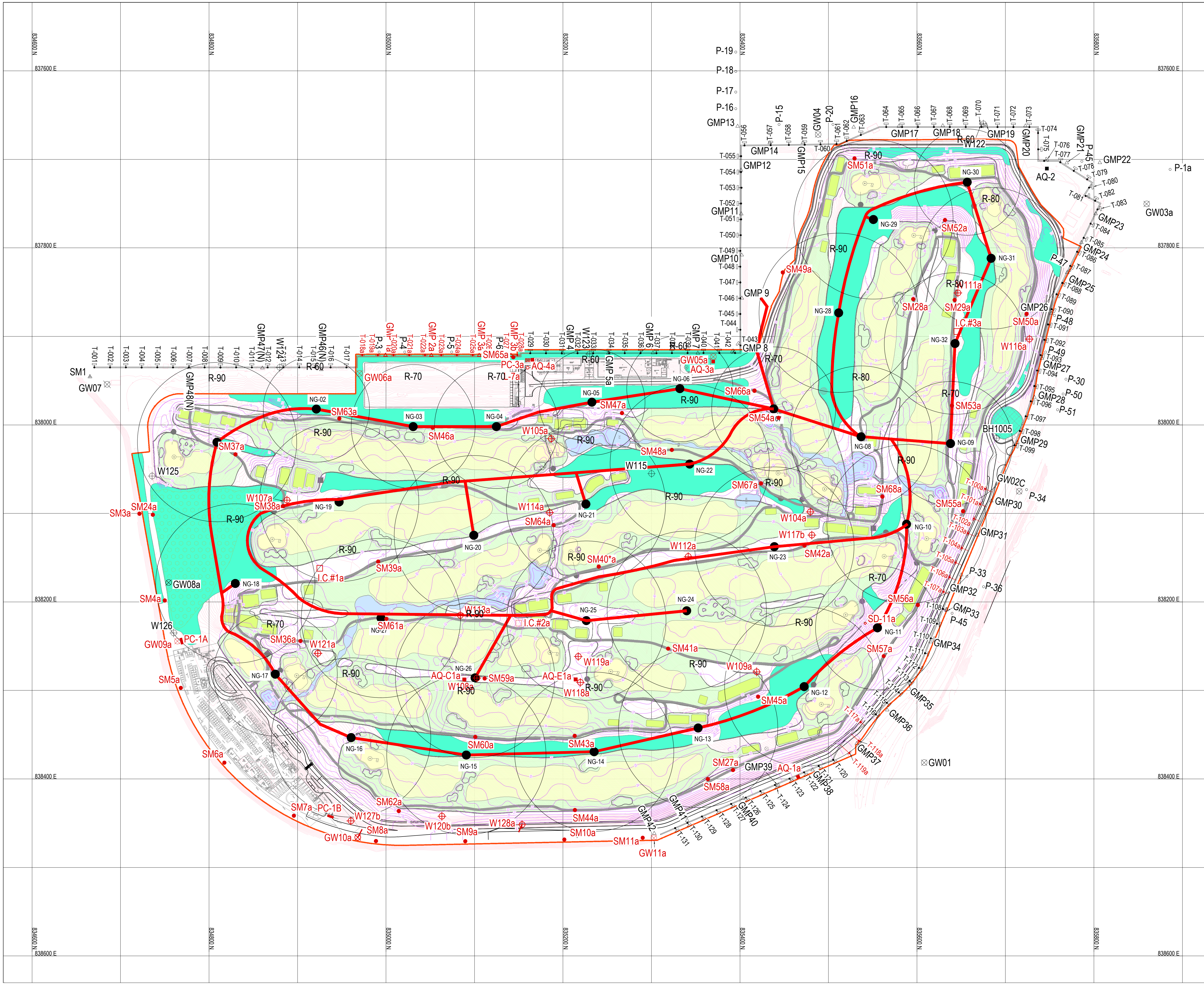
Aquilaria sinensis
土沉香

Project Title **工程項目名稱**	**Shuen Wan Golf Course** **船灣高爾夫球場**
Figure 1 **圖一**	**Project Location and Conceptual Layout Plan** **工程項目位置及概念佈局圖** [This figure was prepared based on Figure 2.1 of EIA Report (Register No.: AEIAR-221/2019)] [本圖是根據環境影響評估報告 (登記冊編號: AEIAR-221/2019) 圖 2.1 編制]

Environmental Permit No.:
環境許可證編號：
FEP-01/571/2019/B

Appendix 2.1

Design Drawings



GOLF COURSE LEGEND

- GOLF CART PATH
- GOLF COURSE TEE
- GOLF COURSE ROUGH
- GOLF COURSE FAIRWAY / GREEN
- VEGETATION PRESERVATION AREAS

TOPOGRAPHY LEGEND

- EXISTING TOPO CONTOURS
- PROPOSED GOLF COURSE CONTOURS

FEATURES LEGEND

- AQ-1a - PROPOSED LANDFILL FEATURE LOCATION (WITH 'a' or 'b' SUFFIX)
- W125 - EXISTING LANDFILL FEATURE TO REMAIN FUNCTION AND REMAIN IN SAME LOCATION (WITH NO SUFFIX)
- PROPOSED HORIZONTAL GAS PIPE HEADER AND LATERALS
- NG-01 - PROPOSED LANDFILL GAS WELL
- RADIUS OF INFLUENCE

GENERAL NOTES

1. THIS DRAWING SHOULD BE PRINTED IN COLOUR.
2. TOPOGRAPHICAL SURVEY SHOWN IS TAKEN FROM LAND MARKER (1980) H.K. CO., LTD DRAWING NO. 6331/02 'TOPOGRAPHIC SURVEY.
3. REFER TO LANDFILL KEY ON DRAWING NO. TPGC/OD/GC/1002 'GENERAL NOTES' TO ASSIST IN IDENTIFY DIFFERENT TYPES OF LANDFILL FEATURES.
4. THIS DRAWING SHOWS ONLY THE FEATURES WHICH WILL REMAIN FUNCTIONAL AND REMAIN IN PLACE OR NEW LOCATIONS PROPOSED. THE EXISTING FEATURE LOCATIONS ARE NOT SHOWN.
5. THE EXISTING AND PROPOSED PIPEWORK ASSOCIATED WITH VARIOUS LEACHATE FEATURES IS NOT SHOWN ON THIS OVERALL PLAN DRAWING TO PRESERVE READABILITY OF THE VARIOUS LANDFILL FEATURES. PLEASE REFER TO 3000 SERIES DRAWINGS FOR PIPEWORK ASSOCIATED WITH THE LEACHATE FEATURES.

DRAWING REFERENCE NOTES

1. REFER TO DRAWING NO. TPGC/OD/GC/1002 'GENERAL NOTES'.
2. REFER TO 3000 SERIES DRAWING FOR SITE PLAN DRAWINGS FOR INDIVIDUAL FEATURE TYPE.
3. REFER TO 5000 SERIES DRAWINGS FOR CROSS SECTIONS AND DETAILS PROPOSED FOR LANDFILL FEATURES.

REV.	DESCRIPTION	BY	DATE	APPROVED
1	REVISED LANDFILL GAS LAYOUT	MP	18 JULY 2024	LKO
0	FIRST ISSUE	MP	3 MAY 2024	LKO

PROJECT

PROPOSED TAI PO GOLF CLUB
AT RESTORED SHUEN WAN LANDFILL

TITLE

DESIGN PLAN
PROPOSED LANDFILL FEATURE -
GOLF COURSE INTERFACE MITIGATION

OVERALL PLAN OF
GOLF COURSE AND LANDFILL FEATURES
IN PROPOSED LOCATION

DRAWN: MP
CHECKED: RD
APPROVED FOR ISSUE: LKO
SCALE @ A1: AS SHOWN
PROJECT NO.: P22-1011
DATE OF ISSUE: 18 JULY 2024

VISTA Consulting Engineers Limited

TPGC/OD/GC/2000 REV. 1

Appendix 2.2

Summary Table of Affected Facilities, Modification Works and Mitigation Measures

Summary Table of Existing Landfill Gas Extraction System

	EXISTING LANDFILL GAS EXTRACTION SYSTEM			MITIGATION	
No.	Label	Feature Type	Existing Location Details: Existing Elev. (mPD)	Reason for Mitigation	Mitigation
1	N-1	Gas Well	26.7	Clash with TPGC features	Replace with new Landfill Gas Extraction System
2	N-2	Gas Well	21.6	Clash with TPGC features	Replace with new Landfill Gas Extraction System
3	N-3	Gas Well	18.5	Clash with TPGC features	Replace with new Landfill Gas Extraction System
4	N-4	Gas Well	18.6	Clash with TPGC features	Replace with new Landfill Gas Extraction System
5	N-4A	Gas Well	26.0	Clash with TPGC features	Replace with new Landfill Gas Extraction System
6	N-5	Gas Well	18.0	Clash with TPGC features	Replace with new Landfill Gas Extraction System
7	N-6A	Gas Well	25.6	Clash with TPGC features	Replace with new Landfill Gas Extraction System
8	N-7	Gas Well	19.0	Clash with TPGC features	Replace with new Landfill Gas Extraction System
9	N-8	Gas Well	17.4	Clash with TPGC features	Replace with new Landfill Gas Extraction System
10	N-9	Gas Well	23.8	Clash with TPGC features	Replace with new Landfill Gas Extraction System
11	N-10	Gas Well	15.4	Clash with TPGC features	Replace with new Landfill Gas Extraction System
12	N-11	Gas Well	24.6	Clash with TPGC features	Replace with new Landfill Gas Extraction System
13	N-12	Gas Well	17.7	Clash with TPGC features	Replace with new Landfill Gas Extraction System
14	N-13	Gas Well	18.3	Clash with TPGC features	Replace with new Landfill Gas Extraction System
15	N-14a	Gas Well	32.3	Clash with TPGC features	Replace with new Landfill Gas Extraction System
16	N-15a	Gas Well	30.8	Clash with TPGC features	Replace with new Landfill Gas Extraction System
17	N-16	Gas Well	27.9	Clash with TPGC features	Replace with new Landfill Gas Extraction System
18	N-17a	Gas Well	26.7	Clash with TPGC features	Replace with new Landfill Gas Extraction System
19	N-18	Gas Well	28.0	Clash with TPGC features	Replace with new Landfill Gas Extraction System
20	N-19	Gas Well	27.9	Clash with TPGC features	Replace with new Landfill Gas Extraction System
21	N-20	Gas Well	28.0	Clash with TPGC features	Replace with new Landfill Gas Extraction System
22	N-21	Gas Well	28.5	Clash with TPGC features	Replace with new Landfill Gas Extraction System
23	N-22a	Gas Well	32.0	Clash with TPGC features	Replace with new Landfill Gas Extraction System
24	N-23a	Gas Well	33.0	Clash with TPGC features	Replace with new Landfill Gas Extraction System
25	N-24	Gas Well	33.1	Clash with TPGC features	Replace with new Landfill Gas Extraction System
26	N-25	Gas Well	38.7	Clash with TPGC features	Replace with new Landfill Gas Extraction System
27	N-26	Gas Well	40.2	Clash with TPGC features	Replace with new Landfill Gas Extraction System
28	N-27	Gas Well	39.3	Clash with TPGC features	Replace with new Landfill Gas Extraction System
29	N-28	Gas Well	37.0	Clash with TPGC features	Replace with new Landfill Gas Extraction System
30	N-29	Gas Well	38.9	Clash with TPGC features	Replace with new Landfill Gas Extraction System
31	N-30	Gas Well	36.6	Clash with TPGC features	Replace with new Landfill Gas Extraction System
32	N-31	Gas Well	30.5	Clash with TPGC features	Replace with new Landfill Gas Extraction System
33	N-32	Gas Well	30.5	Clash with TPGC features	Replace with new Landfill Gas Extraction System
34	N-33a	Gas Well	28.7	Clash with TPGC features	Replace with new Landfill Gas Extraction System
35	N-34	Gas Well	29.0	Clash with TPGC features	Replace with new Landfill Gas Extraction System
36	N-35	Gas Well	29.3	Clash with TPGC features	Replace with new Landfill Gas Extraction System
37	N-36a	Gas Well	29.8	Clash with TPGC features	Replace with new Landfill Gas Extraction System
38	N-37	Gas Well	36.3	Clash with TPGC features	Replace with new Landfill Gas Extraction System
39	N-38a	Gas Well	38.8	Clash with TPGC features	Replace with new Landfill Gas Extraction System
40	N-39	Gas Well	39.4	Clash with TPGC features	Replace with new Landfill Gas Extraction System
41	N-40	Gas Well	39.7	Clash with TPGC features	Replace with new Landfill Gas Extraction System
42	N-41	Gas Well	33.7	Clash with TPGC features	Replace with new Landfill Gas Extraction System

	EXISTING LANDFILL GAS EXTRACTION SYSTEM			MITIGATION	
No.	Label	Feature Type	Existing Location Details: Existing Elev. (mPD)	Reason for Mitigation	Mitigation
43	N-42	Gas Well	34.8	Clash with TPGC features	Replace with new Landfill Gas Extraction System
44	N-43	Gas Well	23.8	Clash with TPGC features	Replace with new Landfill Gas Extraction System
45	N-44	Gas Well	22.3	Clash with TPGC features	Replace with new Landfill Gas Extraction System
46	N-45	Gas Well	18.7	Clash with TPGC features	Replace with new Landfill Gas Extraction System
47	N-46	Gas Well	15.0	Clash with TPGC features	Replace with new Landfill Gas Extraction System
48	N-47	Gas Well	12.6	Clash with TPGC features	Replace with new Landfill Gas Extraction System
49	I1	Gas Well	---[6]	Clash with TPGC features	Replace with new Landfill Gas Extraction System
50	I2	Gas Well	37.6	Clash with TPGC features	Replace with new Landfill Gas Extraction System
51	I3	Gas Well	40.0	Clash with TPGC features	Replace with new Landfill Gas Extraction System
52	I4	Gas Well	40.0	Clash with TPGC features	Replace with new Landfill Gas Extraction System
53	I5	Gas Well	38.1	Clash with TPGC features	Replace with new Landfill Gas Extraction System
54	I6	Gas Well	37.8	Clash with TPGC features	Replace with new Landfill Gas Extraction System
55	I7	Gas Well	33.4	Clash with TPGC features	Replace with new Landfill Gas Extraction System
56	I8	Gas Well	26.8	Clash with TPGC features	Replace with new Landfill Gas Extraction System
57	I9a	Gas Well	26.0	Clash with TPGC features	Replace with new Landfill Gas Extraction System
58	I10	Gas Well	27.5	Clash with TPGC features	Replace with new Landfill Gas Extraction System
59	I11	Gas Well	35.2	Clash with TPGC features	Replace with new Landfill Gas Extraction System
60	I12	Gas Well	35.0	Clash with TPGC features	Replace with new Landfill Gas Extraction System
61	I13a	Gas Well	36.5	Clash with TPGC features	Replace with new Landfill Gas Extraction System
62	I14	Gas Well	35.8	Clash with TPGC features	Replace with new Landfill Gas Extraction System
63	I15	Gas Well	35.7	Clash with TPGC features	Replace with new Landfill Gas Extraction System
64	P1	Gas Well	22.0	Clash with TPGC features	Replace with new Landfill Gas Extraction System
65	P2a	Gas Well	19.0	Clash with TPGC features	Replace with new Landfill Gas Extraction System
66	P3a	Gas Well	19.3	No alterations to existing Gas Well	Gas Well to remain functional and remain in place
67	P4a	Gas Well	19.3	No alterations to existing Gas Well	Gas Well to remain functional and remain in place
68	P5a	Gas Well	19.4	No alterations to existing Gas Well	Gas Well to remain functional and remain in place
69	P6	Gas Well	19.5	No alterations to existing Gas Well	Gas Well to remain functional and remain in place
70	P7	Gas Well	26.7	Clash with TPGC features	Replace with new Landfill Gas Extraction System
71	P8a	Gas Well	26.9	Clash with TPGC features	Replace with new Landfill Gas Extraction System
72	P9a	Gas Well	26.7	Clash with TPGC features	Replace with new Landfill Gas Extraction System
73	P10a	Gas Well	26.5	Clash with TPGC features	Replace with new Landfill Gas Extraction System
74	P11a	Gas Well	26.0	Clash with TPGC features	Replace with new Landfill Gas Extraction System
75	P12	Gas Well	25.9	Clash with TPGC features	Replace with new Landfill Gas Extraction System
76	P13	Gas Well	26.0	Clash with TPGC features	Replace with new Landfill Gas Extraction System
77	P14	Gas Well	25.9	Clash with TPGC features	Replace with new Landfill Gas Extraction System
78	P15	Gas Well	22.6	No alterations to existing Gas Well	Gas Well to remain functional and remain in place
79	P16	Gas Well	19.9	No alterations to existing Gas Well	Gas Well to remain functional and remain in place
80	P17	Gas Well	18.8	No alterations to existing Gas Well	Gas Well to remain functional and remain in place
81	P18	Gas Well	17.8	No alterations to existing Gas Well	Gas Well to remain functional and remain in place
82	P19	Gas Well	19.7	No alterations to existing Gas Well	Gas Well to remain functional and remain in place
83	P20	Gas Well	18.9	No alterations to existing Gas Well	Gas Well to remain functional and remain in place
84	P21	Gas Well	16.7	Clash with TPGC features	Replace with new Landfill Gas Extraction System
85	P22	Gas Well	19.8	Clash with TPGC features	Replace with new Landfill Gas Extraction System
86	P23	Gas Well	19.5	Clash with TPGC features	Replace with new Landfill Gas Extraction System

	EXISTING LANDFILL GAS EXTRACTION SYSTEM			MITIGATION	
No.	Label	Feature Type	Existing Location Details	Reason for Mitigation	Mitigation
			Existing Elev. (mPD)		
87	P30	Gas Well	15.6	No alterations to existing Gas Well	Gas Well to remain functional and remain in place
88	P33	Gas Well	19.0	No alterations to existing Gas Well	Gas Well to remain functional and remain in place
89	P34	Gas Well	18.6	No alterations to existing Gas Well	Gas Well to remain functional and remain in place
90	P36	Gas Well	19.2	No alterations to existing Gas Well	Gas Well to remain functional and remain in place
91	P37	Gas Well	17.4	Clash with access road	Replace with new Landfill Gas Extraction System
92	P45	Gas Well	18.6	No alterations to existing Gas Well	Gas Well to remain functional and remain in place
93	P47	Gas Well	6.5	No alterations to existing Gas Well	Gas Well to remain functional and remain in place
94	P48	Gas Well	9.3	No alterations to existing Gas Well	Gas Well to remain functional and remain in place
95	P49	Gas Well	12.0	No alterations to existing Gas Well	Gas Well to remain functional and remain in place
96	P50	Gas Well	16.1	No alterations to existing Gas Well	Gas Well to remain functional and remain in place
97	P51	Gas Well	16.7	No alterations to existing Gas Well	Gas Well to remain functional and remain in place
98	DL-1	Drip Leg	18.5	Clash with TPGC features	Replace with new Landfill Gas Extraction System
99	DL-2	Drip Leg	18.3	Clash with TPGC features	Replace with new Landfill Gas Extraction System
100	DL-3	Drip Leg	16.7	Clash with TPGC features	Replace with new Landfill Gas Extraction System
101	DL-4	Drip Leg	16.7	Clash with TPGC features	Replace with new Landfill Gas Extraction System
102	DL-5	Drip Leg	14.3	Clash with TPGC features	Replace with new Landfill Gas Extraction System
103	DL-6	Drip Leg	15.4	Clash with TPGC features	Replace with new Landfill Gas Extraction System
104	DL-7	Drip Leg	15.0	Clash with TPGC features	Replace with new Landfill Gas Extraction System
105	DL-8	Drip Leg	15.7	Clash with TPGC features	Replace with new Landfill Gas Extraction System
106	DL-9	Drip Leg	30.2	Clash with TPGC features	Replace with new Landfill Gas Extraction System
107	DL-10	Drip Leg	31.1	Clash with TPGC features	Replace with new Landfill Gas Extraction System
108	DL-11	Drip Leg	29.3	Clash with TPGC features	Replace with new Landfill Gas Extraction System
109	DL-12	Drip Leg	22.7	Clash with TPGC features	Replace with new Landfill Gas Extraction System
110	DL-13T-1	Drip Leg	27.4	Clash with TPGC features	Replace with new Landfill Gas Extraction System
111	DL-14	Drip Leg	31.1	Clash with TPGC features	Replace with new Landfill Gas Extraction System
112	DL-15	Drip Leg	27.6	Clash with TPGC features	Replace with new Landfill Gas Extraction System
113	DL-16	Drip Leg	27.6	Clash with TPGC features	Replace with new Landfill Gas Extraction System
114	DL-17	Drip Leg	28.2	Clash with TPGC features	Replace with new Landfill Gas Extraction System
115	DL-18	Drip Leg	28.5	Clash with TPGC features	Replace with new Landfill Gas Extraction System
116	DL-19	Drip Leg	28.7	Clash with TPGC features	Replace with new Landfill Gas Extraction System
117	DL-20	Drip Leg	27.9	Clash with TPGC features	Replace with new Landfill Gas Extraction System
118	DL-21	Drip Leg	38.8	Clash with TPGC features	Replace with new Landfill Gas Extraction System
119	DL-22	Drip Leg	38.6	Clash with TPGC features	Replace with new Landfill Gas Extraction System
120	DL-23	Drip Leg	38.5	Clash with TPGC features	Replace with new Landfill Gas Extraction System
121	DL-24	Drip Leg	39.3	Clash with TPGC features	Replace with new Landfill Gas Extraction System
122	DL-25	Drip Leg	32.8	Clash with TPGC features	Replace with new Landfill Gas Extraction System
123	DL-26	Drip Leg	29.0	Clash with TPGC features	Replace with new Landfill Gas Extraction System
124	DL-28	Drip Leg	33.4	Clash with TPGC features	Replace with new Landfill Gas Extraction System
125	DL-29	Drip Leg	34.5	Clash with TPGC features	Replace with new Landfill Gas Extraction System
126	DL-30	Drip Leg	36.0	Clash with TPGC features	Replace with new Landfill Gas Extraction System
127	DL-31	Drip Leg	18.8	Clash with TPGC features	Replace with new Landfill Gas Extraction System
128	DL-32	Drip Leg	14.8	Clash with TPGC features	Replace with new Landfill Gas Extraction System
129	DL-33	Drip Leg	20.3	Clash with TPGC features	Replace with new Landfill Gas Extraction System
130	DL-34	Drip Leg	17.7	Clash with TPGC features	Replace with new Landfill Gas Extraction System

	EXISTING LANDFILL GAS EXTRACTION SYSTEM			MITIGATION	
No.	Label	Feature Type	Existing Location Details	Reason for Mitigation	Mitigation
			Existing Elev. (mPD)		
131	DL-35	Drip Leg	26.5	Clash with TPGC features	Replace with new Landfill Gas Extraction System
132	V-1	Valve	20.0	Clash with TPGC features	Replace with new Landfill Gas Extraction System
133	V-2	Valve	19.0	Clash with TPGC features	Replace with new Landfill Gas Extraction System
134	V-3	Valve	20.6	Clash with TPGC features	Replace with new Landfill Gas Extraction System
135	V-4	Valve	26.5	Clash with TPGC features	Replace with new Landfill Gas Extraction System
136	V-5	Valve	26.5	Clash with TPGC features	Replace with new Landfill Gas Extraction System
137	V-6	Valve	28.2	Clash with TPGC features	Replace with new Landfill Gas Extraction System
138	V-7	Valve	28.6	Clash with TPGC features	Replace with new Landfill Gas Extraction System
139	V-8	Valve	28.8	Clash with TPGC features	Replace with new Landfill Gas Extraction System
140	V-9	Valve	37.0	Clash with TPGC features	Replace with new Landfill Gas Extraction System
141	V-10	Valve	38.0	Clash with TPGC features	Replace with new Landfill Gas Extraction System
142	V-11	Valve	38.2	Clash with TPGC features	Replace with new Landfill Gas Extraction System
143	V-12	Valve	40.3	Clash with TPGC features	Replace with new Landfill Gas Extraction System
144	V-13	Valve	38.0	Clash with TPGC features	Replace with new Landfill Gas Extraction System
145	V-14	Valve	37.9	Clash with TPGC features	Replace with new Landfill Gas Extraction System
146	V-15	Valve	37.5	Clash with TPGC features	Replace with new Landfill Gas Extraction System
147	V-16	Valve	15.7	Clash with TPGC features	Replace with new Landfill Gas Extraction System
148	V-17	Valve	26.3	Clash with TPGC features	Replace with new Landfill Gas Extraction System

Notes:

1. Locations and Elevations of existing Landfill Gas Extraction System are approximate.
2. East. = Easting; North. = Northing; Elev. = Elevation
3. (m) = metres; (mPD) = metres relative to (Hong Kong) Principal Datum
4. TPGC = Tai Po Golf Club
5. --- = No information available

Summary Table of Existing Single Gas Monitoring Probes

	EXISTING SINGLE GAS MONITORING PROBES			MITIGATION	
No.	Label	Feature Type	Existing Location Details: Existing Elev. (mPD)	Reason for Mitigation	Mitigation
1	P-2	Gas Probe	5.30	No Clash with TPGC features	Gas Probe to remain functional and remain in place
2	P-3	Gas Probe	5.89	No Clash with TPGC features	Gas Probe to remain functional and remain in place
3	P-4	Gas Probe	5.38	No Clash with TPGC features	Gas Probe to remain functional and remain in place
4	P-5	Gas Probe	5.22	No Clash with TPGC features	Gas Probe to remain functional and remain in place
5	P-6	Gas Probe	5.74	No Clash with TPGC features	Gas Probe to remain functional and remain in place
6	P-15	Gas Probe	6.26	No Clash with TPGC features	Gas Probe to remain functional and remain in place
7	P-16a	Gas Probe	6.65	No Clash with TPGC features	Gas Probe to remain functional and remain in place
8	P-17a	Gas Probe	6.29	No Clash with TPGC features	Gas Probe to remain functional and remain in place
9	P-18a	Gas Probe	6.25	No Clash with TPGC features	Gas Probe to remain functional and remain in place
10	P-19	Gas Probe	6.12	No Clash with TPGC features	Gas Probe to remain functional and remain in place
11	P-20	Gas Probe	6.52	No Clash with TPGC features	Gas Probe to remain functional and remain in place
12	P-30a	Gas Probe	15.31	No Clash with TPGC features	Gas Probe to remain functional and remain in place
13	P-33	Gas Probe	18.41	No Clash with TPGC features	Gas Probe to remain functional and remain in place
14	P-34b	Gas Probe	19.45	No Clash with TPGC features	Gas Probe to remain functional and remain in place
15	P-35	Gas Probe	17.73	No Clash with TPGC features	Gas Probe to remain functional and remain in place
16	P-36b	Gas Probe	19.30	No Clash with TPGC features	Gas Probe to remain functional and remain in place
17	P-37	Gas Probe	17.50	No Clash with TPGC features	Gas Probe to remain functional and remain in place
18	P-45	Gas Probe	5.83	No Clash with TPGC features	Gas Probe to remain functional and remain in place
19	P-47a	Gas Probe	16.07	No Clash with TPGC features	Gas Probe to remain functional and remain in place
20	P-48	Gas Probe	8.63	No Clash with TPGC features	Gas Probe to remain functional and remain in place
21	P-49	Gas Probe	11.41	No Clash with TPGC features	Gas Probe to remain functional and remain in place
22	P-50a	Gas Probe	15.85	No Clash with TPGC features	Gas Probe to remain functional and remain in place
23	P-51a	Gas Probe	16.73	No Clash with TPGC features	Gas Probe to remain functional and remain in place
24	P-52a	Gas Probe	17.10	No Clash with TPGC features	Gas Probe to remain functional and remain in place
25	P-60	Gas Probe	6.85	No Clash with TPGC features	Gas Probe to remain functional and remain in place
26	P-61	Gas Probe	6.37	No Clash with TPGC features	Gas Probe to remain functional and remain in place
27	P-62b	Gas Probe	19.47	No Clash with TPGC features	Gas Probe to remain functional and remain in place
28	P-63b	Gas Probe	19.46	No Clash with TPGC features	Gas Probe to remain functional and remain in place

Notes:

1. Locations and Elevations of existing Landfill Gas Extraction System are approximate.
2. East. = Easting; North. = Northing; Elev. = Elevation
3. (m) = metres; (mPD) = metres relative to (Hong Kong) Principal Datum
4. TPGC = Tai Po Golf Club
5. --- = No information available

Summary Table of Proposed Landfill Gas Extraction System

	PROPOSED LANDFILL GAS EXTRACTION SYSTEM			
No.	**Label**	**Feature Type**	**Existing Elev. (mPD)**	**Proposed Site Formation Elev. [5] (mPD)**
1	NG-01	Gas Well	15.1	16.1
2	NG-02	Gas Well	14.3	14.3
3	NG-03	Gas Well	22.6	22.6
4	NG-04	Gas Well	22.6	22.6
5	NG-05	Gas Well	20.3	20.3
6	NG-06	Gas Well	16.4	16.4
7	NG-07	Gas Well	22.5	23.2
8	NG-08	Gas Well	25.8	29.0
9	NG-09	Gas Well	21.4	26.0
10	NG-10	Gas Well	32.4	32.4
11	NG-11	Gas Well	24.9	25.1
12	NG-12	Gas Well	28.1	28.1
13	NG-13	Gas Well	31.5	33.0
14	NG-14	Gas Well	27.6	27.6
15	NG-15	Gas Well	25.9	26.0
16	NG-16	Gas Well	20.5	25.1
17	NG-17	Gas Well	16.1	20.6
18	NG-18	Gas Well	20.0	20.0
19	NG-19	Gas Well	27.0	27.6
20	NG-20	Gas Well	30.0	31.1
21	NG-21	Gas Well	33.8	33.8
22	NG-22	Gas Well	29.8	29.8
23	NG-23	Gas Well	39.7	40.1
24	NG-24	Gas Well	39.0	40.1
25	NG-25	Gas Well	38.1	38.9
26	NG-26	Gas Well	33.8	34.1
27	NG-27	Gas Well	27.6	27.9
28	NG-28	Gas Well	27.4	27.4
29	NG-29	Gas Well	28.5	28.5
30	NG-30	Gas Well	18.4	18.0
31	NG-31	Gas Well	27.5	27.5
32	NG-32	Gas Well	35.2	35.2

Notes:

1. Locations and Elevations of proposed Landfill Gas Extraction System are approximate.
2. East. = Easting; North. = Northing; Elev. = Elevation
3. (m) = metres; (mPD) = metres relative to (Hong Kong) Principal Datum
4. TPGC = Tai Po Golf Club
5. Proposed Site Formation Level does not include the estimated 300mm – 500mm “sand capping” layer to be placed for completion of the golf course features.

Summary Table of Existing and Proposed Landfill Gas Passive Vent (T-Riser)

	EXISTING LANDFILL GAS PASSIVE VENT (T-RISER)		MITIGATION		PROPOSED LANDFILL GAS PASSIVE VENT (T-RISER)	
		Existing Location Details				Proposed Location Details
No.	Label	Existing Elev. (mPD)	Reason for Mitigation	Mitigation	Label	Proposed Site Formation Elev. [5] (mPD)
1	T-001	5.5	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
2	T-002	6.0	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
3	T-003	5.8	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
4	T-004	6.0	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
5	T-005	6.3	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
6	T-006	6.4	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
7	T-007	6.4	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
8	T-008	6.4	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
9	T-009	6.5	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
10	T-010	6.4	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
11	T-011	6.6	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
12	T-012	6.6	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
13	T-013	6.6	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
14	T-014	6.7	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
15	T-015	6.7	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
16	T-016	6.7	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
17	T-017	6.8	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
18	T-018	6.8	Clash with Driving Range	Divert Passive Vent Trench and relocate T-Riser pipe	T-018a	5.8
19	T-019	6.7	Clash with Driving Range	Divert Passive Vent Trench and relocate T-Riser pipe	T-019a	5.8
20	T-020	5.7	Clash with Driving Range	Divert Passive Vent Trench and relocate T-Riser pipe	T-020a	5.5
21	T-021	6.2	Clash with Driving Range	Divert Passive Vent Trench and relocate T-Riser pipe	T-021a	5.5
22	T-022	6.3	Clash with Driving Range	Divert Passive Vent Trench and relocate T-Riser pipe	T-022a	5.5
23	T-023	6.2	Clash with Driving Range	Divert Passive Vent Trench and relocate T-Riser pipe	T-023a	5.4
24	T-024	6.1	Clash with Driving Range	Divert Passive Vent Trench and relocate T-Riser pipe	T-024a	5.4
25	T-025	6.8	Clash with Driving Range	Divert Passive Vent Trench and relocate T-Riser pipe	T-025a	5.4
26	T-026	6.1	Clash with Driving Range	Divert Passive Vent Trench and relocate T-Riser pipe	T-026a	5.5
27	T-027	6.2	Clash with Driving Range	Divert Passive Vent Trench and relocate T-Riser pipe	T-027a	5.5
28	T-028	7.0	Clash with Driving Range	Divert Passive Vent Trench and relocate T-Riser pipe	T-028a	5.6
29	T-029	6.4	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
30	T-030	6.4	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
31	T-031	6.5	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
32	T-032	6.5	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
33	T-033	6.0	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
34	T-034	6.1	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
35	T-035	6.2	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
36	T-036	6.7	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
37	T-037	6.6	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
38	T-038	6.0	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
39	T-039	6.8	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
40	T-040	6.7	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
41	T-041	5.9	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	

	EXISTING LANDFILL GAS PASSIVE VENT (T-RISER)		MITIGATION		PROPOSED LANDFILL GAS PASSIVE VENT (T-RISER)	
No.	Label	Existing Location Details Existing Elev. (mPD)	Reason for Mitigation	Mitigation	Label	Proposed Location Details Proposed Site Formation Elev. [5] (mPD)
42	T-042	6.7	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
43	T-043	6.0	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
44	T-044	6.0	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
45	T-045	6.0	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
46	T-046	6.0	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
47	T-047	6.0	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
48	T-048	6.0	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
49	T-049	6.0	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
50	T-050	6.0	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
51	T-051	6.0	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
52	T-052	6.0	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
53	T-053	6.0	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
54	T-054	6.0	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
55	T-055	6.0	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
56	T-056	5.8	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
57	T-057	5.8	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
58	T-058	5.8	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
59	T-059	5.8	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
60	T-060	5.8	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
61	T-061	6.4	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
62	T-062	6.1	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
63	T-063	6.1	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
64	T-064	6.1	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
65	T-065	6.1	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
66	T-066	6.1	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
67	T-067	6.1	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
68	T-068	6.1	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
69	T-069	6.1	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
70	T-070	6.1	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
71	T-071	6.1	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
72	T-072	6.1	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
73	T-073	6.1	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
74	T-074	6.5	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
75	T-075	6.5	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
76	T-076	6.5	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
77	T-077	6.5	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
78	T-078	6.5	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
79	T-079	6.5	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
80	T-080	6.5	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
81	T-081	7.5	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
82	T-082	6.8	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
83	T-083	5.3	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
84	T-084	5.3	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	

	EXISTING LANDFILL GAS PASSIVE VENT (T-RISER)		MITIGATION		PROPOSED LANDFILL GAS PASSIVE VENT (T-RISER)	
No.	Label	Existing Location Details Existing Elev. (mPD)	Reason for Mitigation	Mitigation	Label	Proposed Location Details Proposed Site Formation Elev. [5] (mPD)
85	T-085	5.2	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
86	T-086	5.6	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
87	T-087	6.3	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
88	T-088	9.5	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
89	T-089	7.7	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
90	T-090	7.6	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
91	T-091	10.1	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
92	T-092	11.5	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
93	T-093	11.5	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
94	T-094	12.6	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
95	T-095	13.3	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
96	T-096	14.8	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
97	T-097	15.6	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
98	T-098	16.4	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
99	T-099	18.0	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
100	T-100	18.2	Clash with access road	Retain existing Passive Vent Trench and extend T-Riser Pipe horizontally	T-100a	18.5
101	T-101	18.1	Clash with access road	Retain existing Passive Vent Trench and extend T-Riser Pipe horizontally	T-101a	18.5
102	T-102	18.0	Clash with access road	Retain existing Passive Vent Trench and extend T-Riser Pipe horizontally	T-102a	18.5
103	T-103	18.2	Clash with access road	Retain existing Passive Vent Trench and extend T-Riser Pipe horizontally	T-103a	18.4
104	T-104	17.9	Clash with access road	Retain existing Passive Vent Trench and extend T-Riser Pipe horizontally	T-104a	18.3
105	T-105	17.9	Clash with access road	Retain existing Passive Vent Trench and extend T-Riser Pipe horizontally	T-105a	18.3
106	T-106	17.7	Clash with access road	Retain existing Passive Vent Trench and extend T-Riser Pipe horizontally	T-106a	18.2
107	T-107	17.5	Clash with access road	Retain existing Passive Vent Trench and extend T-Riser Pipe horizontally	T-107a	18.1
108	T-108	17.5	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
109	T-109	17.2	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
110	T-110	17.0	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
111	T-111	17.4	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
112	T-112	17.3	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
113	T-113	17.2	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
114	T-114	17.2	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
115	T-115	16.9	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
116	T-116	16.9	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
117	T-117	15.0	Clash with access road	Retain existing Passive Vent Trench and extend T-Riser Pipe horizontally	T-117a	16.9
118	T-118	12.8	Clash with access road	Retain existing Passive Vent Trench and extend T-Riser Pipe horizontally	T-118a	16.5
119	T-119	9.5	Clash with access road	Retain existing Passive Vent Trench and extend T-Riser Pipe horizontally	T-119a	14.0
120	T-120	7.6	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
121	T-121	6.2	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
122	T-122	6.0	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
123	T-123	5.9	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
124	T-124	5.8	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
125	T-125	5.8	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
126	T-126	5.8	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
127	T-127	5.7	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	

	EXISTING LANDFILL GAS PASSIVE VENT (T-RISER)		MITIGATION		PROPOSED LANDFILL GAS PASSIVE VENT (T-RISER)	
No.	**Label**	**Existing Location Details**	**Reason for Mitigation**	**Mitigation**	**Label**	**Proposed Location Details**
		Existing Elev. (mPD)				**Proposed Site Formation Elev.[5] (mPD)**
128	T-128	5.6	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
129	T-129	5.6	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
130	T-130	5.3	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	
131	T-131	5.3	No alterations to existing Landfill Gas Passive Vent T-Riser pipe		Landfill Gas Passive Vent T-Riser pipe to remain functional and in place	

Notes:

1. Location and Elevation of both existing and proposed Landfill Gas Passive Vent (T-Riser) are approximate.
2. East. = Easting; North. = Northing; Elev. = Elevation
3. (m) = metres; (mPD) = metres relative to (Hong Kong) Principal Datum
4. TPGC = Tai Po Golf Club Proposed Site Formation Level does not include the estimated 300mm – 500mm “sand capping” layer to be placed for completion of the golf course features.
5. Proposed Site Formation Level does not include the estimated 300mm – 500mm “sand capping” layer to be placed for completion of the golf course features.

Summary Table of Existing and Proposed Gas Monitoring Probes

	EXISTING GAS MONITORING PROBES		MITIGATION		PROPOSED REPLACEMENT GAS MONITORING PROBES	
		Existing Location Details				Proposed Location Details
No.	Label	Existing Elev. (mPD)	Reason for Mitigation	Mitigation	Label	Proposed Site Formation Elev. [5] (mPD)
1	GMP 1	6.7	Clash with Driving Range	Replace at new location	GMP 1a	5.8
2	GMP 2	5.6	Clash with Driving Range	Replace at new location	GMP 2a	5.4
3	GMP 3	6.8	Clash with Driving Range	Replace at new location	GMP 3a	5.5
4	GMP 3A	6.9	Clash with Driving Range	Replace at new location	GMP 3b	5.5
5	GMP 4	6.2	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
6	GMP 5	6.5	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
7	GMP 6	6.4	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
8	GMP 7	6.7	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
9	GMP 8	7.1	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
10	GMP 9	5.9	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
11	GMP 10	6.0	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
12	GMP 11	5.9	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
13	GMP 12	5.9	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
14	GMP 13	--- [6]	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
15	GMP 14	5.8	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
16	GMP 15	5.8	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
17	GMP16	5.7	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
18	GMP 17	6.2	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
19	GMP 18	6.2	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
20	GMP 19	6.3	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
21	GMP 20	6.3	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
22	GMP 21	5.6	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
23	GMP 22	--- [6]	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
24	GMP 23	5.3	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
25	GMP 24	6.0	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
26	GMP25	7.3	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
27	GMP26	9.8	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
28	GMP27	12.3	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
29	GMP28	14.1	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
30	GMP29	17.9	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
31	GMP30	18.2	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
32	GMP31	18.3	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
33	GMP32	17.9	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
34	GMP33	18.0	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
35	GMP34	18.0	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
36	GMP35	17.8	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
37	GMP36	17.6	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
38	GMP37	16.8	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
39	GMP38	6.0	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
40	GMP39	6.0	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
41	GMP40	5.9	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	

Design Plan – Landfill Feature/Tai Po Golf Club Facilities on Restored Shuen Wan Landfill
Gas Monitoring Probes

	EXISTING GAS MONITORING PROBES		MITIGATION		PROPOSED REPLACEMENT GAS MONITORING PROBES	
No.	Label	Existing Location Details Existing Elev. (mPD)	Reason for Mitigation	Mitigation	Label	Proposed Location Details Proposed Site Formation Elev. [5] (mPD)
42	GMP41	5.6	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
43	GMP42	5.5	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
44	GMP46(N)	6.7	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
45	GMP47(N)	6.6	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	
46	GMP48(N)	6.4	No alterations to existing Gas Monitoring Probe		Gas Monitoring Probe to remain functional and in place	

Notes:

1. Locations and Elevations of both existing and proposed Gas Monitoring Probe are approximate.
2. East. = Easting; North. = Northing; Elev. = Elevation
3. (m) = metres; (mPD) = metres relative to (Hong Kong) Principal Datum
4. TPGC = Tai Po Golf Club
5. Proposed Site Formation Level does not include the estimated 300mm – 500mm “sand capping” layer to be placed for completion of the golf course features.
6. --- = No information available

Summary Table of Existing Leachate Extraction System

	EXISTING LEACHATE EXTRACTION SYSTEM				MITIGATION
No.	**Label**	**Feature Type**	**Existing Elev. (mPD)**	**Reason for Mitigation**	**Mitigation**
1	I-11	Leachate Extraction Well	35.3	Clash with TPGC features	Replace with new Leachate Extraction Well
2	I-12	Leachate Extraction Well	35.6	Clash with TPGC features	Replace with new Leachate Extraction Well
3	N-7	Leachate Extraction Well	19.1	Clash with TPGC features	Replace with new Leachate Extraction Well
4	N-9	Leachate Extraction Well	24.2	Clash with TPGC features	Replace with new Leachate Extraction Well
5	N-15	Leachate Extraction Well	30.0	Clash with TPGC features	Replace with new Leachate Extraction Well
6	N-30	Leachate Extraction Well	37.0	Clash with TPGC features	Replace with new Leachate Extraction Well
7	N-35	Leachate Extraction Well	29.4	Clash with TPGC features	Replace with new Leachate Extraction Well
8	N-37	Leachate Extraction Well	36.7	Clash with TPGC features	Replace with new Leachate Extraction Well
9	N-38	Leachate Extraction Well	39.1	Clash with TPGC features	Replace with new Leachate Extraction Well
10	L-1	Access Manhole Chamber	31.3	Clash with TPGC features	Replace with new Leachate Extraction System
11	L-2	Access Manhole Chamber	26.1	Clash with TPGC features	Replace with new Leachate Extraction System
12	L-4	Access Manhole Chamber	32.5	Clash with TPGC features	Replace with new Leachate Extraction System
13	L-5	Access Manhole Chamber	18.4	Clash with TPGC features	Replace with new Leachate Extraction System
14	L-6	Access Manhole Chamber	9.5	Clash with TPGC features	Replace with new Leachate Extraction System
15	L-7	Access Manhole Chamber	6.8	Clash with TPGC features	Replace with new Leachate Extraction System
16	AC	Air Compressor	35.6	Clash with TPGC features	Replace with new Leachate Extraction System
17	AC	Air Compressor	5.5	Clash with TPGC features	Replace with new Leachate Extraction System

Notes:

1. Locations and Elevations of existing Leachate Extraction System are approximate.
2. East. = Easting; North. = Northing; Elev. = Elevation
3. (m) = metres; (mPD) = metres relative to (Hong Kong) Principal Datum
4. TPGC = Tai Po Golf Club

Summary Table of Proposed Leachate Extraction System

	PROPOSED LEACHATE EXTRACTION SYSTEM			
No.	**Label**	**Feature Type**	**Existing Elev. (mPD)**	**Proposed Site Formation Elev. [5] (mPD)**
1	NLE-1a	Leachate Extraction Well	37.0	37.5
2	NLE-2a	Leachate Extraction Well	38.5	38.8
3	NLE-3a	Leachate Extraction Well	37.0	37.5
4	NLE-4a	Leachate Extraction Well	29.0	30.0
5	NLE-5a	Leachate Extraction Well	29.6	29.6
6	NLE-6a	Leachate Extraction Well	25.2	25.2
7	NLE-7a	Leachate Extraction Well	32.3	32.0
8	NLE-8a	Leachate Extraction Well	35.0	35.0
9	NLE-9a	Leachate Extraction Well	35.5	35.5
10	AM-1a	Access Manhole Chamber	18.8	23.4
11	AM-2a	Access Manhole Chamber	12.7	18.3
12	AM-3a	Access Manhole Chamber	7.5	7.5
13	AM-4a	Access Manhole Chamber	11.0	11.0
14	AM-5a	Access Manhole Chamber	14.0	15.5
15	AM-6a	Access Manhole Chamber	14.7	15.5
16	AM-7a	Access Manhole Chamber	11.7	15.5
	Compressor	Air Compressor	13.5	15.5

Notes:

1. Locations and Elevations of proposed Leachate Extraction System are approximate.
2. East. = Easting; North. = Northing; Elev. = Elevation
3. (m) = metres; (mPD) = metres relative to (Hong Kong) Principal Datum
4. TPGC = Tai Po Golf Club
5. Proposed Site Formation Level does not include the estimated 300mm – 500mm “sand capping” layer to be placed for completion of the golf course features.

Summary Table of Existing and Proposed Leachate Recirculation Features

	EXISTING AIR QUALITY MONITORING			MITIGATION		PROPOSED REPLACEMENT AIR QUALITY MONITORING		
No.	**Label**	**General Location**	**Existing Location Details** **Existing Elev. (mPD)**	**Reason for Mitigation**	**Mitigation**	**Label**	**General Location**	**Proposed Location Details** **Proposed Site Formation Elev. [5] (mPD)**
1	Surge Tank	Western Boundary	20.8	Clash with TPGC formation level	Reconstruct to original design with added structural reinforcement to allow for soil placement against and over the top of Surge Tank	Surge Tank	Western Boundary	22

Notes:

1. Location and Elevation of both existing and proposed Leachate Recirculation Features are approximate.
2. East. = Easting; North. = Northing; Elev. = Elevation
3. (m) = metres; (mPD) = metres relative to (Hong Kong) Principal Datum
4. TPGC = Tai Po Golf Club
5. Proposed Site Formation Level does not include the estimated 300mm – 500mm “sand capping” layer to be placed for completion of the golf course features.

Summary Table of Existing and Proposed Leachate Transmission Features

	EXISTING LEACHATE TRANSMISSION SYSTEM			MITIGATION		PROPOSED REPLACEMENT LEACHATE TRANSMISSION SYSTEM		
No.	**Label**	**General Location**	**Existing Location Details** **Existing Elev. (mPD)**	**Reason for Mitigation**	**Mitigation**	**Label**	**General Location**	**Proposed Location Details** **Proposed Site Formation Elev. [5] (mPD)**
1	PC#1	Southern Boundary	5.2	Clash with TPGC features	Replace at new location	PC#1a	Southern Boundary	4.8
2	PC#1	Southern Boundary	5.2	Clash with TPGC features	Replace at new location	PC#1b	Southern Boundary	4.5
3	PC#2	Eastern Boundary	5.8	Clash with access road	Replace at new location or maintain at existing location with access cover within access road.	PC#2a	Eastern Boundary	7.0
4	PC#3	Western Boundary	5.7	Clash with TPGC features	Replace at new location	PC#3a	Western Boundary	6.7

Notes:

1. Location and Elevation of both existing and proposed Leachate Transmission are approximate.
2. East. = Easting; North. = Northing; Elev. = Elevation
3. (m) = metres; (mPD) = metres relative to (Hong Kong) Principal Datum
4. TPGC = Tai Po Golf Club
5. Proposed Site Formation Level does not include the estimated 300mm – 500mm “sand capping” layer to be placed for completion of the golf course features.

Summary Table of Existing and Proposed Leachate Monitoring Wells

	EXISTING LEACHATE MONITORING WELL		MITIGATION		PROPOSED REPLACEMENT LEACHATE MONITORING WELL	
		Existing Location Details				Proposed Location Details
No.	Label	Existing Elev. (mPD)	Reason for Mitigation	Mitigation	Label	Proposed Site Formation Elev. [5] (mPD)
1	BH1005	18.3	No alterations to existing Leachate Monitoring Well		Leachate Monitoring Well to remain functional and in place	
2	W104	27.8	Clash with TPGC features	Replace at new location	W104a	36.0
3	W105	22.3	Clash with TPGC features	Replace at new location	W105a	24.3
4	W107	26.5	Clash with site formation level	Replace at new level	W107a	27.0
5	W108	35.2	Clash with TPGC features	Replace at new location	W108a	33.8
6	W109	33.9	Clash with TPGC features	Replace at new location	W109a	38.3
7	W111	35.8	Clash with TPGC features	Replace at new location	W111a	35.7
8	W112	39.8	Clash with TPGC features	Replace at new location	W112a	40.0
9	W113	31.0	Clash with TPGC features	Replace at new location	W113a	32.3
10	W114	28.6	Clash with TPGC features	Replace at new location	W114a	29.0
11	W115	32.0	No alterations to existing Leachate Monitoring Well		Leachate Monitoring Well to remain functional and in place	
12	W116	15.5	Clash with site formation level	Replace at new level	W116a	17.0
13	W117a	40.4	Clash with TPGC features	Replace at new location	W117b	38.8
14	W118	38.3	Clash with TPGC features	Replace at new location	W118a	38.5
15	W119	38.3	Clash with TPGC features	Replace at new location	W119a	40.3
16	W120a	17.0	Clash with TPGC features	Replace at new location	W120b	19.5
17	W121	25.8	Clash with site formation level	Replace at new level	W121a	26.3
18	W122	6.3	No alterations to existing Leachate Monitoring Well		Leachate Monitoring Well to remain functional and in place	
19	W123	6.1	No alterations to existing Leachate Monitoring Well		Leachate Monitoring Well to remain functional and in place	
20	W124	6.6	No alterations to existing Leachate Monitoring Well		Leachate Monitoring Well to remain functional and in place	
21	W125	5.5	No alterations to existing Leachate Monitoring Well		Leachate Monitoring Well to remain functional and in place	
22	W126	5.4	No alterations to existing Leachate Monitoring Well		Leachate Monitoring Well to remain functional and in place	
23	W127	5.0	Clash with clubhouse	Replace at new location	W127a	7.3
24	W128	5.2	Clash with access road	Replace at new location	W128a	6.5

Notes:

1. Locations and Elevations of both existing and proposed Leachate Monitoring are approximate.
2. East. = Easting; North. = Northing; Elev. = Elevation
3. (m) = metres; (mPD) = metres relative to (Hong Kong) Principal Datum
4. TPGC = Tai Po Golf Club
5. Proposed Site Formation Level does not include the estimated 300mm – 500mm “sand capping” layer to be placed for completion of the golf course features.

Summary Table of Existing and Proposed Infiltration Cells

	EXISTING INFILTRATION CELLS				MITIGATION		PROPOSED REPLACEMENT INFILTRATION CELLS						
No.	**Label**	**General Location**	**Existing Location Details**	**Infiltration Cell Installation Conditions**	**Reason for Mitigation**	**Mitigation**	**Label**	**General Location**	**Proposed Location Details**				**Infiltration Cell Installation Conditions**
			Existing Elev. (mPD)						**Existing Elev. (mPD)**	**Proposed Site Formation Elev. [5] (mPD)**	**Depth to Capping System [6] (m)**	**Distance Moved Horizontally (m)**	
1	I.C.#1	30m Platform	27.5	Beneath the geomembrane	Clash with golf course	Replace at new location	I.C.#1a	30m Platform	28.6	28.8	1.0	60.7	Beneath the geomembrane
2	I.C.#2	Slope between 40m and 30m Platform	33.0	Beneath the drainage layer	Clash with golf course	Replace at new location	I.C.#2a	Slope between 40m and 30m Platform	33.8	34.8	1.8	29.5	Beneath the drainage layer. (No geomembrane in capping system at this location)
3	I.C.#3	38m Platform	35.2	Beneath the geomembrane	Clash with golf course	Replace at new location	I.C.#3a	38m Platform	35.2	35.2	1.5	31.8	Beneath the geomembrane

Notes:

1. Locations and Elevations of both existing and proposed Infiltration Cells are approximate.
2. East. = Easting; North. = Northing; Elev. = Elevation
3. (m) = metres; (mPD) = metres relative to (Hong Kong) Principal Datum
4. TPGC = Tai Po Golf Club
5. Proposed Site Formation Level does not include the estimated 300mm – 500mm “sand capping” layer to be placed for completion of the golf course features.
6. Depth to “Capping System” is to the level of the geosynthetic (geomembrane or geocomposite) layers.

Summary Table of Existing and Proposed Settlement Monitoring Monuments

	EXISTING SETTLEMENT MONITORING MONUMENTS			MITIGATION		PROPOSED SETTLEMENT MONITORING MONUMENTS		
		Location Details					Location Details	
No.	Label	Existing Elev. (mPD)	Installation Type	Reason for Mitigation	Mitigation	Label	Proposed Site Formation Elev. [5] (mPD)	Installation Type
1	SM1	5.5	Plinth	No alterations to existing Settlement Monitoring Monument		Settlement Monitoring Monument to remain functional and in place		
2	SM3	5.6	Plinth	Visual Impact to TPGC	Replace with Pin at same location	SM3a	5.6	Pin
3	SM4	5.4	Plinth	Visual Impact to TPGC	Replace with Pin at same location	SM4a	5.4	Pin
4	SM5	5.4	Plinth	Visual Impact to TPGC	Replace with Pin at same location	SM5a	5.4	Pin
5	SM5-2	5.4	Plinth	Visual Impact to TPGC	Replace with Pin at same location	SM5-2a	5.4	Pin
6	SM6	5.3	Plinth	Visual Impact to TPGC	Replace with Pin at same location	SM6a	5.3	Pin
7	SM6-2	5.0	Plinth	Visual Impact to TPGC	Replace with Pin at same location	SM6-2a	5.0	Pin
8	SM7	5.4	Plinth	Visual Impact to TPGC	Replace with Pin at same location	SM7a	5.4	Pin
9	SM7-2	5.4	Plinth	Visual Impact to TPGC	Replace with Pin at same location	SM7-2a	5.4	Pin
10	SM8	5..1	Plinth	Visual Impact to TPGC	Replace with Pin at same location	SM8a	5.1	Pin
11	SM9	5.2	Plinth	Visual Impact to TPGC	Replace with Pin at same location	SM9a	5.2	Pin
12	SM10	5.4	Plinth	Visual Impact to TPGC	Replace with Pin at same location	SM10a	5.4	Pin
13	SM11	5.5	Plinth	Visual Impact to TPGC	Replace with Pin at same location	SM11a	5.5	Pin
14	SM24	13.5	Plinth	For ease of surveying	Replace with Pin at new location	SM24a	5.5	Pin
15	SM27	13.5	Plinth	Clash with TPGC features	Replace with Pin at cart path	SM27a	21.2	Pin
16	SM28	35.0	Plinth	Clash with TPGC features	Replace with Pin at cart path	SM28a	37.0	Pin
17	SM29	35.3	Plinth	Clash with TPGC features	Replace with Pin at cart path	SM29a	35.5	Pin
18	SM36	25.6	Plinth	Clash with TPGC features	Replace with Pin at cart path	SM36aa	26.0	Pin
19	SM37	18.5	Plinth	Clash with TPGC features	Replace with Pin at cart path	SM37a	18.0	Pin
20	SM38	26.5	Plinth	Clash with TPGC features	Replace with Pin at cart path	SM38a	27.0	Pin
21	SM39	28.6	Plinth	Clash with TPGC features	Replace with Pin at cart path	SM39a	29.0	Pin
22	SM40	39.1	Plinth	Clash with TPGC features	Replace with Pin at cart path	SM40a	39.0	Pin
23	SM41	39.1	Plinth	Clash with TPGC features	Replace with Pin at cart path	SM41a	39.2	Pin
24	SM42	39.0	Plinth	Clash with TPGC features	Replace with Pin at cart path	SM42a	39.2	Pin
25	SM43	32.2	Plinth	Clash with TPGC features	Replace with Pin at cart path	SM43a	32.0	Pin
26	SM44	17.6	Plinth	Clash with TPGC features	Replace with Pin at cart path	SM44a	21.5	Pin
27	SM45	33.9	Plinth	Clash with TPGC features	Replace with Pin at cart path	SM45a	34.0	Pin
28	SM46	12.2	Plinth	Clash with TPGC features	Replace with Pin at cart path	SM46a	22.5	Pin
29	SM47	20.0	Plinth	Clash with TPGC features	Replace with Pin at cart path	SM47a	23.6	Pin
30	SM48	25.6	Plinth	Clash with TPGC features	Replace with Pin at cart path	SM48a	25.7	Pin
31	SM49	10.5	Plinth	Clash with TPGC features	Replace with Pin at cart path	SM49a	14.8	Pin
32	SM50	19.6	Plinth	Clash with TPGC features	Replace with Pin at cart path	SM50a	20.5	Pin
33	SM51	17.8	Pin	Clash with TPGC features	Replace with Pin at cart path	SM51a	15.0	Pin
34	SM52	26.1	Pin	Clash with TPGC features	Replace with Pin at cart path	SM52a	34.5	Pin
35	SM53	26.2	Pin	Clash with TPGC features	Replace with Pin at cart path	SM53a	26.5	Pin
36	SM54	26.4	Pin	Clash with TPGC features	Replace with Pin at cart path	SM54a	24.0	Pin
37	SM55	18.1	Pin	Clash with TPGC features	Replace with Pin at cart path	SM55a	23.5	Pin
38	SM56	18.5	Pin	Clash with TPGC features	Replace with Pin at cart path	SM56a	25.2	Pin
39	SM57	26.6	Pin	Clash with TPGC features	Replace with Pin at cart path	SM57a	22.5	Pin
40	SM58	26.0	Pin	Clash with TPGC features	Replace with Pin at cart path	SM58a	20.7	Pin
41	SM59	35.0	Pin	Clash with TPGC features	Replace with Pin at cart path	SM59a	35.0	Pin
42	SM60	24.6	Pin	Clash with TPGC features	Replace with Pin at cart path	SM60a	31.5	Pin
43	SM61	27.9	Pin	Clash with TPGC features	Replace with Pin at cart path	SM61a	28.9	Pin

	EXISTING SETTLEMENT MONITORING MONUMENTS			MITIGATION		PROPOSED SETTLEMENT MONITORING MONUMENTS		
No.	Label	Location Details Existing Elev. (mPD)	Installation Type	Reason for Mitigation	Mitigation	Label	Location Details Proposed Site Formation Elev. [5] (mPD)	Installation Type
44	SM62	16.8	Pin	Clash with TPGC features	Replace with Pin at cart path	SM62a	18.0	Pin
45	SM63	17.0	Pin	Clash with TPGC features	Replace with Pin at cart path	SM63a	17.2	Pin
46	SM64	31.0	Pin	Clash with TPGC features	Replace with Pin at cart path	SM64a	32.4	Pin
47	SM65	5.7	Pin	Clash with TPGC features	Replace with Pin at same location	SM65a	5.7	Pin
48	SM66	6.4	Pin	Clash with TPGC features	Replace with Pin at cart path	SM66a	18.0	Pin
49	SM67	32.5	Pin	Clash with TPGC features	Replace with Pin at cart path	SM67a	34.0	Pin
50	SM68	26.8	Pin	Clash with TPGC features	Replace with Pin at cart path	SM68a	30.5	Pin

Notes:

1. Locations and Elevations of both existing and proposed Settlement Monitoring Monuments are approximate.
2. East. = Easting; North. = Northing; Elev. = Elevation
3. (m) = metres; (mPD) = metres relative to (Hong Kong) Principal Datum
4. TPGC = Tai Po Golf Club
5. Proposed Site Formation Level does not include the estimated 300mm – 500mm “sand capping” layer to be placed for completion of the golf course features.

Summary Table of Existing and Proposed Groundwater Monitoring Wells

	EXISTING GROUNDWATER MONITORING			MITIGATION		PROPOSED REPLACEMENT GROUNDWATER MONITORING		
			Existing Location Details					Proposed Location Details
No.	**Label**	**General Location**	**Existing Elev. (mPD)**	**Reason for Mitigation**	**Mitigation**	**Label**	**General Location**	**Proposed Site Formation Elev. [5] (mPD)**
1	GW-01	Offsite Northeast Boundary	--- [6]	No alterations to existing Groundwater Monitoring Well		Groundwater Monitoring Well to remain functional and remain in place		
2	GW-02b	Offsite Northern Boundary	19.1	No alterations to existing Groundwater Monitoring Well		Groundwater Monitoring Well to remain functional and remain in place		
3	GW-03	Offsite Northwest Boundary	--- [6]	No alterations to existing Groundwater Monitoring Well		Groundwater Monitoring Well to remain functional and remain in place		
4	GW-04	Offsite Western Boundary	5.7	No alterations to existing Groundwater Monitoring Well		Groundwater Monitoring Well to remain functional and remain in place		
5	GW-05	Western Boundary	6.3	Clash with reinforced slope for road	Replace at new location	GW05a	Western Boundary	6.4
6	GW-06	Western Boundary	5.8	Clash with driving range facility.	Replace at new location	GW06a	Western Boundary	5.6
7	GW-07	Southwest Boundary	5.4	No alterations to existing Groundwater Monitoring Well		Groundwater Monitoring Well to remain functional and remain in place		
8	GW-08	Southern Boundary	5.5	No alterations to existing Groundwater Monitoring Well		Groundwater Monitoring Well to remain functional and remain in place		
9	GW-09	Southern Boundary	5.4	Clash with Clubhouse	Replace at new location	GW09a	Southern Boundary	5.5
10	GW-10	Eastern Boundary	5.2	Clash with Clubhouse Road	Replace at new location	GW10a	Eastern Boundary	5.4
11	GW-11	Eastern Boundary	5.5	Clash with Clubhouse Road	Replace at new location	GW11a	Eastern Boundary	5.2

Notes:

1. Locations and Elevations of both existing and proposed Groundwater Monitoring are approximate.
2. East. = Easting; North. = Northing; Elev. = Elevation
3. (m) = metres; (mPD) = metres relative to (Hong Kong) Principal Datum
4. TPGC = Tai Po Golf Club
5. Proposed Site Formation Level does not include the estimated 300mm – 500mm “sand capping” layer to be placed for completion of the golf course features.
6. --- = No information available

Schedule of Existing and Proposed Air Quality Monitoring Features

	EXISTING AIR QUALITY MONITORING			MITIGATION		PROPOSED REPLACEMENT AIR QUALITY MONITORING		
No.	**Label**	**General Location**	**Existing Elev. (mPD)**	**Reason for Mitigation**	**Mitigation**	**Label**	**General Location**	**Proposed Location Details** **Proposed Site Formation Elev. [5] (mPD)**
1	AQ-1	Eastern Boundary	6.1	Clash with TPGC features	Replace at new location	AQ-1a	Eastern, next to seawall	9.2
2	AQ-2	Existing Site Office	7.1	No alterations to existing Air Quality Monitoring feature		Air Quality Monitoring feature to remain functional and in place		
3	AQ-3	Western Boundary	7.0	Clash with TPGC features	Replace at new location	AQ-3a	Western Boundary	7.5
4	AQ-4	Western Boundary	5.9	Clash with TPGC features	Replace at new Location	AQ-4a	Western Boundary	6.7
5	AQ-C1	Between 30m and 40m Platform	31.1	Clash with TPGC features	Replace at new Location	AQ-C1a	Between 30m and 40m Platform	32.3
6	AQ-E1	Southeast of 40m Platform	37.5	Clash with TPGC features	Replace at new Location	AQ-E1a	Southeast of 40m Platform	38.0

Notes:

1. Location and Elevation of both existing and proposed Air Quality Monitoring are approximate.
2. Existing Elevation taken from Land Marker (1980) HK. Co., Ltd Drawing No. 6331/02 'Topographic Survey'.
3. Proposed Site Formation Elevation taken from WSP Grading Plan as issued as part of the Stage 2 BD Amended Site Formation Works on 22 May 2025.
4. East. = Easting; North. = Northing; Elev. = Elevation
5. (m) = metres; (mPD) = metres relative to (Hong Kong) Principal Datum
6. TPGC = Tai Po Golf Club
7. Proposed Site Formation Level does not include the estimated 300mm – 500mm “sand capping” layer to be placed for completion of the golf course features.

Design Plan – Landfill Feature/Tai Po Golf Club Facilities on Restored Shuen Wan Landfill
Slope G Monitoring

Summary Table of Existing and Proposed Slope G Monitoring

	EXISTING SLOPE G MONITORING			MITIGATION		PROPOSED REPLACEMENT SLOPE G MONITORING		
No.	**Label**	**Existing Location Details** **Existing Elev. (mPD)**	**Installation Type**	**Reason for Mitigation**	**Mitigation**	**Label**	**Proposed Location Details** **Proposed Site Formation Elev. [5] (mPD)**	**Installation Type**
1	SM-A	25.7	Pin	Site formation fill	Replace with Pin at same location	SM-A(a)	27	Pin
2	SM-B	17.1	Pin	No alterations to existing Slope G Monitoring feature		Slope G Monitoring feature to remain functional and remain in place		
3	SM-C	19.7	Pin	Site formation fill	Replace with Pin at same location	SM-C(a)	24.0	Pin
4	SM-D	14.7	Pin	No alterations to existing Slope G Monitoring feature		Slope G Monitoring feature to remain functional and remain in place		
5	SM-E	25.4	Pin	Site formation fill	Replace with Pin at same location	SM-E(a)	25.4	Pin
6	SM-F	16.5	Pin	Site formation fill	Replace with Pin at same location	SM-F(a)	22.2	Pin
7	SM-G	11.7	Pin	Site formation fill	Replace with Pin at same location	SM-G(a)	18.0	Pin
8	SM-H	24.0	Pin	Site formation fill	Replace with Pin at same location	SM-H(a)	24.5	Pin
9	SM-J	19.0	Pin	Site formation fill	Replace with Pin at same location	SM-J(a)	23.1	Pin
10	SM-K	13.3	Pin	Site formation fill	Replace with Pin at same location	SM-K(a)	18.2	Pin
11	SM-L	27.2	Pin	Clash with TPGC features	Replace with Pin at same location	SM-L(a)	27.0	Pin
12	SM-M	25.5	Pin	Site formation fill	Replace with Pin at same location	SM-M(a)	26.6	Pin
13	SM-N	20.4	Pin	Clash with TPGC features	Replace with Pin at new Location	SM-N(a)	26.0	Pin
14	SM-P	17.2	Pin	Site formation fill.	Replace with Pin at same location	SM-P(a)	22.0	Pin
15	SM-Q	18.8	Pin	Clash with TPGC features	Replace with Pin at new Location	SM-Q(a)	20.5	Pin
16	SM-R	13.4	Pin	Site formation fill	Replace with Pin at same location	SM-R(a)	18.0	Pin
17	SM-S	20.5	Pin	Clash with TPGC features	Replace with Pin at cart path	SM-S(a)	23.5	Pin
18	SM-T	15.5	Pin	Clash with TPGC features	Replace with Pin at cart path	SM-T(a)	21.5	Pin
19	SM-U	17.3	Pin	Clash with TPGC features	Replace with Pin at cart path	SM-U(a)	21.1	Pin
20	SM-V	12.8	Pin	Clash with TPGC features	Replace with Pin at cart path	SM-V(a)	18.0	Pin
21	SM-W	5.3	Pin	Clash with TPGC features	Replace with Pin at cart path	SM-W(a)	18.0	Pin
22	SM-X	5.3	Pin	Clash with TPGC features	Replace with Pin at cart path	SM-X(a)	18.0	Pin
23	SM-Y	4.9	Pin	Clash with TPGC features	Replace with Pin at cart path	SM-Y(a)	18.0	Pin
24	SM-Z	12.7	Pin	Clash with TPGC features	Replace with Pin at cart path	SM-Z(a)	18.8	Pin
25	INC-1, PIEZ-01A	25.8	N/A	Clash with TPGC features	Replace at new location	INC-1 (a), PIEZ-01A (a)	19.5	N/A
26	INC-2, PIEZ-02A	22.2	N/A	Clash with TPGC features	Replace at new location	INC-2 (a), PIEZ-02A (a)	21.8	N/A
27	INC-3, PIEZ-03A	13.3	N/A	Clash with TPGC features	Replace only Piezometer at new location	PIEZ-03A (a)	19.5	N/A
28	INC-4, PIEZ-04A	5.5	N/A	Clash with TPGC features	Replace at new location	INC-4 (a), PIEZ-04A (a)	11.1	N/A
29	INC-5, PIEZ-05A	19.8	N/A	Addition to the original design which may no longer be required.		No replacement proposed		
30	INC-6, PIEZ-06A	22.6	N/A	Addition to the original design which may no longer be required.		No replacement proposed		
31	INC-7, PIEZ-07A	16.0	N/A	Addition to the original design which may no longer be required.		No replacement proposed		

Notes:

1. Location and Elevation of both existing and proposed Slope G Monitoring features are approximate.
2. East. = Easting; North. = Northing; Elev. = Elevation
3. (m) = metres; (mPD) = metres relative to (Hong Kong) Principal Datum
4. TPGC = Tai Po Golf Club
5. Proposed Site Formation Level does not include the estimated 300mm – 500mm “sand capping” layer to be placed for completion of the golf course features.
6. N/A = Not Applicable