



CLP Power

TETRA Radio Base Station at Kai Kung Leng (Construction Phase)

Monthly Environmental Audit Report No.2

14 February 2019

Project No.: 0485078

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Signature Page

14 February 2019

TETRA Radio Base Station at Kai Kung Leng (Construction Phase)

Monthly Environmental Audit Report No. 2

Terence Fong

Partner



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|---|---|

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No table of figures entries found.

Acronyms and Abbreviations

| Name | Description |
|-------------|--------------------------------------|
| The Project | TETRA Radio Base Station at Kai Kung |
| EIAO | EIA Ordinance |

1. ENVIRONMENTAL SITE AUDIT

1.1 Background

The construction works of TETRA Radio Base Station at Kai Kung Leng (the Project) had commenced on 3 December 2018 and completed on 31 January 2019. The construction works included cable installation and site clearance works.

To fulfill Conditions 2.4 and 2.5 of the Environmental Permit (EP-406/2010), monthly environmental site audit should be undertaken to ensure that the mitigation measures recommended in Project Profile (PP) submitted for direct application of an Environmental Permit under EIA Ordinance (EIAO) (PP-423/2010) are properly implemented. A monthly audit report, certified by the independent checker, should be submitted to the Director of EP.

This is the 2nd Monthly Environmental Site Audit Report presenting the key findings and observations of the site audit conducted on 31 January 2019. The reporting period covers 3 January 2019 to 2 February 2019.

1.2 Site Audit Finding and Observation

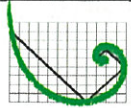
The finding of the environmental site inspection are summarised in *Table 1.1* below:

Table 1.1: Summary of Site Observation

| Observations/Finding | Recommendation | Photo |
|---|----------------|-------|
| There was no major observation during site inspection | - | - |

The environmental site audit checklist is appended in *Appendix A*.

Appendix A Environmental Site Checklist



ERM

TETRA Radio Base Station at Kai Kung Leng
Construction Phase - Environmental Site Audit



Inspection Date: 31/1/2019 Time: 10:45 to 12:45

Inspected By: IEC Representative: Parks Yu
CLP Representative: Benny Wong
Contractor: Sampson Tse

Weather

Condition Sunny Fine Overcast Drizzle Rain Storm Hazy
Temperature 22 °C Humidity High Moderate Low
Wind Calm Light Breeze Strong

A General

| | Yes | Yes, but need Improvement | No | N/A or not observed | Photo/Remarks |
|--|-----|---------------------------|----|---------------------|---------------|
|--|-----|---------------------------|----|---------------------|---------------|

A1 Is the Environmental Permit displayed at the entrances / exits?

B Air Quality

| | Yes | Yes, but need Improvement | No | N/A or not observed | Photo/Remarks |
|--|-----|---------------------------|----|---------------------|---------------|
|--|-----|---------------------------|----|---------------------|---------------|

B1 Is open burning avoided?
B2 Are exposed soil surfaces regularly watered to avoid generation of dust?
B3 Are plant and equipment well maintained? (ie without black smoke from powered plant)
B4 Are stockpiles of dusty material covered or regularly watered?
B5 Is watering implemented during excavation?
B6 Is generation of dust avoided during loading/unloading/excavation?

C Noise

| | Yes | Yes, but need Improvement | No | N/A or not observed | Photo/Remarks |
|--|-----|---------------------------|----|---------------------|---------------|
|--|-----|---------------------------|----|---------------------|---------------|

C1 Is the Construction Noise Permit displayed at the entrances / exits? (if any)
C2 Are all plant and equipment well maintained and in good operating condition?
C3 Is idle equipment turned off or throttled down?
C4 Are powered mechanical equipment covered or shielded by acoustic materials? No PM10 observed
C5 Are silenced equipment used where practicable?
C6 Is the number of construction plant being used minimized?
C7 Do air compressors have valid noise labels?
C8 Do compressors operate with doors closed?

D Water Quality

| | Yes | Yes, but need Improvement | No | N/A or not observed | Photo/Remarks |
|--|-----|---------------------------|----|---------------------|---------------|
|--|-----|---------------------------|----|---------------------|---------------|

D1 Is wastewater discharge license, if any, available for inspection?
D2 Is drainage system adequate?
D3 Is drainage system well maintained? No drainage system
D4 Is debris and rubbish in the drainage system collected and

disposed of properly?

D5 Are there temporary ditches for runoff discharge into appropriate

Watercourse?

With silt retention pond?

D6 Are there sedimentation tanks for settling runoff prior to disposal?

D7 Is the capacity of sedimentation tank adequate?

D8 Is the sedimentation free from silt and sediment?

D9 Are the temporary stockpiles located away from stream or water course?

D10 Are proper mitigation measures (eg. sand bag, earth bund, trench) prevent silty surface runoff leaving the site.

D11 Toilet that connects to foul sewer or chemical toilets provided?

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

No near
water course
No wastewater
generate
no toilet

E Waste/Chemical Management

Yes Yes, but need Improvement No N/A or not observed

General refuse

E1 Accumulation avoided?

E2 Receptacles (e.g. rubbish bins) available?

E3 Disposed of regularly and properly?

Chemical waste, waste oil

E4 Is the Chemical Waste Producer Registration available for inspection?

E5 Stored properly in designated area?

E6 Labelled properly?

E7 Disposed of properly?

E8 Trip tickets/ chits available for inspection?

Chemical/fuel storage area

E9 Are all spillage containment provided for all chemicals, oils and fuels stored on site, those equipment which potentially have oil leakage and for the area where maintenance works carrying out?

E10 Is storage area bunded?

E11 Adequate bund capacity? (>110% of the largest tank)

E12 Are storage areas provided with locks and located on sealed areas?

Construction Waste

E13 Reused where practicable?

Is sorting conducted on site?

E14 Transported offsite for proper disposal?

E15 Are surplus inert materials being reused where practical as an alternative to ordering imported fill material?

Excavated Material

E16 Appears uncontaminated? (colour, odour)

E17 If suspected contaminated, appropriate procedures followed?

E18 Relevant license/permit/trip tickets/chits for disposal of construction waste or excavated materials available for inspection?

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

No chemical
on site

By helicopter

F General / Housekeeping

Yes Yes, but need Improvement No N/A or not observed

F1 Are proper housekeeping measures being maintained?

F2 Are potential stagnant pools cleared and mosquito breeding prevented?

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

G Ecology

Yes Yes, but need Improvement No N/A or not observed

| | | | | | | |
|----|--|-------------------------------------|--------------------------|--------------------------|-------------------------------------|-------|
| G1 | Is damage and disturbance to the remaining and surrounding natural shrubby grassland and young woodland habitats avoided? (particularly those caused by filling and illegal dumping) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| G2 | Is damage to surrounding areas avoided? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| G3 | Are temporary work sites/disturbed areas reinstated? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | _____ |
| G4 | Is the work site confined within site boundaries? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | _____ |
| G5 | Temporary buildings located in least visually prominent locations, painted in muted / recessive colours? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | _____ |

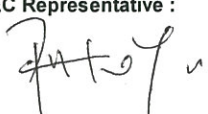
| H Culture Heritage | | Yes | Yes, but need Improvement | No | N/A or not observed | Photo/Remarks |
|--------------------|--|-------------------------------------|---------------------------|--------------------------|-------------------------------------|---------------|
| H1 | Is access maintained to the grave during construction? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | _____ |
| H2 | Is work avoided on the day of Ching Ming/Chung Yueng Festival? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| H3 | Is physical disturbance of the grave avoided? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | _____ |

Notes / Issues Recorded On Site


There was no major observation during site inspection.

Corrective Actions


N/A

Signatures:
IEC Representative :


 (Name: Parco Yu)

CLP Representative :


 (Name: Benny Wong)

Contractor :


 (Name: Sampson Tse)

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