

## **Annex 3**

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### **Replacement Pages of Risk Assessment Report for Water Gathering Ground**

3.2.4 Besides, in order to minimise the potential risk of affecting the WGG, additional mitigation measures will be implemented during the construction phase as follows:

- During erection of the proposed structures and installation of the electrical and charging facilities, no earth and other construction materials which may cause contamination to WGG are allowed to be stockpiled or stored on site.
- All excavated or filled surfaces will be protected from erosion and siltation to any water courses shall be prevented within WGG.
- All construction spoils will be contained and protected; and effluent containing spoils will be disposed of after desilting.
- To prevent erosion and contamination to WGG during extreme weathers, construction works should be arranged to avoid working under extreme weather, and mitigation measures as stated in **paragraph 3.2.3** should be provided to minimise the potential impacts caused by extreme weather.

### 3.3 Operation Phase

#### Potential Impact

3.3.1 During operation phase, the major potential source of impacting on water quality will be runoff from raining. Runoff may cause sources of non-point/diffuse source pollution such as dust, tyre, scraps oil, etc. into the drainage channels. However, the electric vehicles do not contain engine oil, therefore, spillage or leakage of such oil from the electric vehicles is considered minimal and negligible. Besides, toilet facilities will be provided for the Proposed Development. Discharge of sewage generated from the visitors will be another potential source of impacting on water quality.

#### Proposed Mitigation Measures

3.3.2 In order to minimise the potential risk arising from the sources identified above, following management mitigation measures will be implemented:

- The use and storage of pesticides, herbicides, toxicants, chemical solvents, larvical oil, rodenticide, tar and petroleum oil are strictly prohibited within the WGG.
- No chemicals including fertilisers and detergents will be used/stored without the prior approval from the Water Authority.
- ~~The Proposed Development is for a temporary car park for electric vehicles only, and a signboard of "Electric Vehicles Only" should be erected at noticeable position at the entrance alerting public only electric vehicles are allowed to use the carpark. As the electric vehicles are not likely to produce any contaminants or petroleum waste such as oil leakage or spillage, the risk of pollution or causing contamination by the electric vehicles is negligible.~~
- ~~Oil tanker will not be allowed to park inside the Proposed Development to avoid oil leakage or spillage in the WGG. A notice will be posted at the entrance of the Site to prohibit oil tanker to enter the Site.~~
- The vehicle park, associated facilities and related activities will be located away from any watercourses as far as possible. The toilet facilities will be placed no less than 30m from the nearest watercourse.

- Site surface should be paved with impervious material as far as practicable.
- The Site will be surrounded by kerbs and drains. Regular inspections, Proper maintenance and disposal records should be maintained.
- ~~Other than the vehicle parking, any other activities such as on-site vehicle inspection, maintenance, repairing and washing activities will not be allowed in the Proposed Development.~~
- All solid waste and sludge arising from the Proposed Development will be disposed of properly outside the WGG. A signboard of WSD Standard Drawings WSD 7.66B will be erected at noticeable position for alerting public not to pollute WGG and the management team will provide cleaning to the site on an as-needed basis.
- The generated sewage will be discharged to the public sewerage system underneath Tai Wo Service Road West. The tentative drainage plan is provided in **Appendix A**. The impact from the sewage effluent during operation phase is not anticipated.
- Fencing will be erected on the sides facing the nearest stream course to trap all wind-blown litters within the Site.
- Operation and maintenance of the vehicle park, associated structures (including switch room, transformer room, control room, tuck shop and toilets) and the charging facilities will not cause any contamination or any leaching of contaminants to the WGG.
- The “Conditions of Working within Water Gathering Grounds” will be complied with.

#### Potential Contamination from Vehicle Activities and Proposed Mitigation Measures

##### 3.3.3 To minimize the risk of contamination to WGG due to vehicle activities, following mitigation measures will be implemented:

- The Proposed Development is for a temporary car park for electric vehicles only, and a signboard of “Electric Vehicles Only” should be erected at noticeable position at the entrance alerting public only electric vehicles are allowed to use the carpark. As the electric vehicles are not likely to produce any contaminants or petroleum waste such as oil leakage or spillage, the risk of pollution or causing contamination by the electric vehicles is negligible.
- Oil tanker will not be allowed to park inside the Proposed Development to avoid oil leakage or spillage in the WGG. A notice will be posted at the entrance of the Site to prohibit oil tanker to enter the Site.
- As a contingency measure due to the oil leakage or spillage, oil and grease decontamination kit such as absorbent pads or chemical spill kit will be made available to decontaminate any potential oil leakage or spillage.
- An emergency spill response plan should be developed and implemented for the vehicle park, including provision of decontamination kits and staff training for immediate containment and cleanup.
- A routine inspection of the site surface and drainage facilities should be conducted to ensure the integrity and cleanliness of the vehicle park.
- Other than the vehicle parking, any other activities such as on-site vehicle inspection, maintenance, repairing and washing activities are strictly prohibited in the Proposed Development to eliminate the generation of wastewater and minimise the risk of fluid

leakage of oil, grease, lubricant and any functional fluid involved in electric vehicles activities.

**3.3.33.3.4** Access to the electric vehicle park will be strictly limited to electric vehicles, and activities such as vehicle washing and maintenance will be prohibited. Consequently, no wastewater will be generated or discharged into the nearby drainage channel, and the likelihood of oil leakage or spillage from electric vehicles will be negligible. As a precautionary measure, an emergency spill response plan shall be implemented, and appropriate decontamination kits shall be provided on-site.

## 3.4 Waterworks Risk Management

3.4.1 As the Site is located within the WSD tunnel reserve of Plover Cove Tau Pass Culvert, the following additional conditions should be imposed and followed:

- No blasting, drilling or piling at the Site shall be permitted.
- No well shall be sunk at the Site.
- In prior to carrying out any excavation works, the Purchaser/Grantee shall submit his proposals for such excavation works in writing to the Water Authority for approval in all respects, and shall not carry out any work whatsoever until the Water Authority has given written approval to such excavation work, and shall comply with any requirement of the Water Authority in respect of the said excavation works.
- In the event that as a result or arising out of any development of the Site or any part thereof any subsidence of the ground occurs at any time, the Purchaser/Grantee shall indemnify the Government against all actions, claims and demands arising out of any damage or nuisance to private property caused by such subsidence.

3.4.2 Besides, as part of the Site also encroaches upon the 30m Waterworks Reserve ("WWR") for Tai Po Tau & Tau Pass, the following conditions shall also be imposed:

- No structure shall be erected over this WWR and such area shall not be used for storage purposes except with the prior written consent of the Water Authority.
- No tree planting shall be permitted within the WWR except with the prior written consent of the Waterworks Authority.
- For the protection of the existing Government water mains, no blasting or pile driving works shall be carried out within the WWR except with the prior written consent of the Water Authority.
- The grantee/applicant shall indemnify and keep indemnified the Government from and against all liability, damages, expenses, claims, costs, demands, charges, actions and proceedings of whatsoever nature the grantee/applicant, his servants, workmen and contractors in connection with any damage to the existing Government water mains.
- The Water Authority and his officers and contractors, his or their workmen shall have free access at all times to the said area with necessary plant and vehicles for the purpose of laying, repairing and maintenance of water mains. All other services across, through or under the WWR are required to seek authorization from the Water Authority.