

## **R to C Table**

|                                                                                                 | <b>Departmental Comments</b>                                                                                                                                                                                                                                                                                                                                                                 | <b>Applicant's Response</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| <b>1. Comments of Director of Environmental Protection (DEP)</b>                                |                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| (a)                                                                                             | Please clarify the details of the simple assembling and construction works, and any installation works involved (even the proposed structures are pre-casted) to confirm the response in the FI that no earthworks, dredging works and other building works would be carried out in the "CA" zone during construction and operation phases.                                                  | The solar panels would be re-fixed to the existing supporting frames on the floating platforms ( <b>Plan 4g</b> ). Installation would only involve 1) simple assembling works using portable light equipment such as cordless screwdriver and 2) manually re-connect the electric cables of the solar panels to the existing PVC cable ducts ( <b>Photo C</b> ). No earthworks, dredging works and other building works would be carried out within the "CA" zone during construction and operation phases.                                                                                                                                                                                                                                        |
| <b>2. Comments from District Planning Office/Fanling, Sheung Shui and Yuen Long East, PlanD</b> |                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| (a)                                                                                             | A SPV system includes SPV panels, inverter(s), energy meters, distribution board(s), cables and other components as necessary to form a complete grid connected SPV installation. Please clarify how the SPV panels on the floating panels are connected to the meter(s) on the pond bund (e.g. if there are any cables passing through the ponds to connect the meter(s) on the pond bund). | There are existing PVC cable ducts on the floating platforms with cable connection to the meter box ( <b>Photo C</b> ). All cables run on the top of the floating platforms, including two walking platforms each measured about 1m (W) x 14m (L), ( <b>Plans 2b &amp; 3g</b> ), with nil impact on the pond water below. Also see response to DEP above.                                                                                                                                                                                                                                                                                                                                                                                          |
| (b)                                                                                             | Please further elaborate on the proposed fish pond with ancillary filter pond at the site, including its proposed location, size and functions in terms of pond management. It seems that such pond is inconsistent with the description as shown on the proposed layout plan (i.e. fish/landscape pond).                                                                                    | <p>Regarding the fish/landscaped pond (about 130m<sup>2</sup>), it is currently used for fish culture. However, the applicant has planned to provide some landscaping there. For example, flood tolerated species such as lotus would be cultivated at the pond fringe to enhance the landscape setting of the Site. The attempt to rear Misgurnus (泥鯱) within the pond, together with the lotus and lotus roots, may foster a farming system akin to Aquaponics (魚菜共生) and year round harvest may be possible.</p> <p>The fish/landscaped pond has included filter facilities for water filtering purpose. They help maintain a better water quality for fish culture and their location can be seen from the aerial photo on <b>Plan 3g</b>.</p> |

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| (c) | According to the Ecological Impact Assessment (EcoIA), the floating platforms will be fabricated with hazardous-free materials whereas in the statement of justifications, it is mentioned that the floating platforms have already been fixed on the pond bund. Please clarify.                                                       | Noted. We clarify that the sentence in EcoIA should read “the floating platforms have been fabricated with hazardous-free materials—”.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| (d) | Please clarify whether the ponds are connected to any watercourses/pipes for filling/draining of waters. If not, please advise how water would be filled at the pond, and how would water be drained away.                                                                                                                             | Please note that the ponds are not connected to any watercourses or pipes, with natural rainfall forms the main source of water. As shown on <b>Plan 2b</b> , water is pumped by electric pump (see photo in inset) in or out interchangeably between Pond 1 and Pond 2. Alternatively, water can temporarily drain in from or out to the pond at Lot No. 3026 (with agreement from the occupier) if situation warrants.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| (e) | General public (especially residents nearby) may have concerns on whether there are any measures against potential health issue arising from the ponds, e.g. how the issues of mosquito can be effectively controlled at the site. Besides, please advise whether any liaison has been/will be carried out with the surrounding areas. | <p>Regarding the potential health issues, the proposed management measures (i.e. regular grass cutting to prevent overgrown of vegetation, disposal of garbage properly, good control of water quality, small amount of fish/fry restocking) specified in Appendix J of the EcoIA can effectively control mosquitos and maintain a good hygiene when compared to an abandoned pond without management. Besides, according to the baseline data of the EcoIA, insect-eating fish such as mosquito fish and tilapia were recorded within the ponds of the Application Site. Hence, mosquito larvae can also be controlled through this mean.</p> <p>With the proposed management/mitigation measures mentioned above, we do not foresee that the proposed SPV system would generate any health nuisance. Hence, no liaison has been carried out at the present stage. Nevertheless, a notice showing the name and telephone number of the responsible person could be posted near the entrance of the Site to facilitate contact to address any possible health issues arising from the development.</p> |

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| (f) | Please clarify:                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|     | i) thickness of the floating frames;                                                                     | The thickness of the floating platforms is 0.2m.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|     | ii) water surface area of each of the pond;                                                              | <p>Surface water area of ponds are:</p> <p>Pond 1 – 861m<sup>2</sup></p> <p>Pond 2 - 1,109m<sup>2</sup></p> <p><u>Fish/Landscaped Pond – 130m<sup>2</sup></u></p> <p>Total: 2,100m<sup>2</sup></p>                                                                                                                                                                                                                                                                                                                                                    |
|     | iii) fish pond operation (e.g. whether there will be any regular drying and ploughing / harvesting etc.) | <p>Since the ponds are not connected to any watercourses, no alluvial materials have been brought in and the level of the pond bases remains steady. Based on the operational experience of the past few years, no drying, ploughing or dredging processes are necessary. In case ploughing or desilting are required in the long run, they are regarded as operation incidental and ancillary to the ‘Fish Pond Culture’ and are always permitted.</p> <p>Harvesting is normally carried out bi-annually by netting method (see <b>Photo A</b>).</p> |