Preliminary DoH approval checklist for a RWMS

This checklist is the preliminary checklist to be used in the early engagement stage of developing a recycled water management system (RWMS). To submit a full application please use ‘DoH approval checklist for a RWMS’

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| General |  |
| Proponent name & contact person(s) | ☐ |
| Recycled water scheme name & contact person(s) | ☐ |
| **Treatment** |  |
| Description of treatment works and all process units (see table below) | ☐ |
| Description of monitoring regime (parameters, frequency, limits, responsibility, critical control points) | ☐ |
| Monitoring data (summarised; up to 1 year if available. N/A for new wastewater treatment systems) | ☐ |
| Scheme flow diagram – attach diagram and show monitoring points | ☐ |
| Map – showing wastewater treatment system, any storage facilities, end use(s) & surrounding land use(s) | ☐ |
| Management of off-specification wastewater | ☐ |
| **End Use** |  |
| Description of recycled water and end-uses (number and type of uses and recipients; indicate if any 3rd party) | ☐ |
| Any storage or mixing with other water sources prior to reuse | ☐ |
| Type of irrigation system (where applicable) | ☐ |
| Crops irrigated (where applicable) | ☐ |
| Contingency for non-supply or demand (e.g. off-spec wastewater, wet weather or storage full) | ☐ |
| Description of any non-treatment barriers or controls at end use site (see table below) | ☐ |
| **Treatment barriers** |  |
| Primary treatment | ☐ |
| Secondary treatment | ☐ |
| Dual media filtration with coagulation | ☐ |
| Membrane filtration | ☐ |
| Reverse osmosis | ☐ |
| Lagoon storage (include detention time) | ☐ |
| Chlorination | ☐ |
| Ozonation | ☐ |
| UV light | ☐ |
| Wetlands – surface flow | ☐ |
| Wetlands – subsurface flow | ☐ |
| Other (describe) | ☐ |
| **Non-treatment barriers** |  |
| Cooking or processing of produce (identify crop)  Subsurface irrigation of plants/shrubs or grassed areas | ☐ |
| Drip irrigation of raised crops with no ground contact (identify crop) | ☐ |
| Subsurface irrigation of above ground crops (identify crop)  Drip irrigation of plants/shrubs | ☐ |
| Drip irrigation of crops with limited to no ground contact (identify crop) | ☐ |
| No public access during irrigation and limited contact after (identify vegetation or crop) | ☐ |
| Removal of skin from produce before consumption (identify crop)  Drip irrigation of crops  No public access during irrigation (indicate method & whether passive or active exclusion) | ☐ |
| Withholding periods for irrigation of parks/sports grounds (identify number of hours)  Spray drift control (identify method e.g. anemometer systems, inward-throwing sprinklers, etc.)  Buffer zones (identify distance in m) | ☐ |
| Withholding periods — produce (indicate period of time between irrigation & harvest) | ☐ |
| Other (describe) | ☐ |