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) | ☐ |