### Water resource catchments overlay code[[1]](#footnote-1) [[2]](#footnote-2)

#### Application

This code applies to development:-

1. subject to the water resource catchments overlay shown on the overlay maps contained within **Schedule 2 (Mapping)**; and
2. identified as requiring assessment against the Water resource catchments overlay code by the tables of assessment in **Part 5 (Tables of assessment)**.

#### Purpose and overall outcomes

1. The purpose of the Water resource catchments overlay code is to ensure that development preserves and, where possible, enhances water quality and quantity entering the following declared water catchment areas:-
   1. Burnett Barrage;
   2. Kolan River Barrage;
   3. Lake Monduran.
2. The purpose of the code will be achieved through the following overall outcomes:-
   1. development is located, designed and managed to avoid adverse impacts on the quality of surface water and groundwater in water resource catchments;
   2. development maintains and, where possible, improves the quantity of surface water and groundwater entering water resource catchments;
   3. development promotes sustainable land use practices within water resource catchments;
   4. development protects and, where possible, enhances land resources, natural systems and vegetation within water resource catchments.

#### Specific benchmarks for assessment

Table 8.2.13.3.1 Benchmarks for assessable development

| **Performance outcomes** | **Acceptable outcomes** | **Compliance / Representations** |
| --- | --- | --- |
| ***High risk land use activities*** | |  |
| **PO1**  High risk development and land use activities which have the potential to adversely affect water quality are not located or intensified within a water resource catchment. | **AO1**  High risk land uses, including but not limited to the following uses are not located or intensified within a water resource catchment area as identified on a Water resource catchment overlay map:-   1. animal keeping; 2. aquaculture (other than minor aquaculture); 3. cemetery; 4. intensive animal industry; 5. motor sport facility; 6. service station; 7. uses in the industry activity group; 8. utility installation (where a landfill or refuse transfer station). | Provide a brief description how your proposal complies with the relevant Acceptable outcome (if applicable) or a detailed analysis how compliance is achieved with the Performance outcome. |
| ***Water quality, waste water disposal and stormwater management*** | |  |
| **PO2**  Development does not have adverse effects on the quality or quantity of surface water or groundwater entering water resource catchments, including effects on:-   1. nutrient or other chemical levels; 2. sediment loads; 3. turbidity; 4. volumes and velocities. | **AO2.1**  Development is connected to the reticulated sewerage infrastructure network or installs a proprietary on-site waste water treatment system which releases only Class A reclaimed water.  **AO2.2**  All on-site waste water treatment facilities are maintained and managed in a manner which ensures their ongoing efficient operation in accordance with the manufacturer’s specifications.  **AO2.3**  Development is designed and constructed so that it:-   1. does not increase stormwater quantity or flow velocity from the subject site; 2. releases stormwater of a quality that will not adversely impact on receiving waters; 3. releases stormwater of a high quality and which will require minimum treatment before supply; 4. minimises the potential for erosion; 5. minimises disturbance to natural or artificial drainage systems (including the bed and banks of receiving waters) and riparian areas).   **AO2.4**  Development, including effluent disposal facilities are a set-back at least:-   1. 200m from the full supply level or planned full supply level of a water supply storage; 2. for that section of a watercourse within 1km of the full supply level of a water supply storage, 100m from the top of the high bank of the watercourse. | Click and provide your representations. |
| **PO3**  The storage and/or use of chemicals or other potential contaminants does not adversely impact on water quality within a water resource catchment. | **AO3**  No acceptable outcome provided. | Click and provide your representations. |
| ***Protection and maintenance of natural systems*** | |  |
| **PO4**  Development which adjoins or incorporates watercourses or wetlands:-   1. does not alter their physical form; 2. provides for the retention and enhancement of their natural environmental values. | **AO4**  No acceptable outcome provided. | Click and provide your representations. |
| **PO5**  Development maintains and, where possible, enhances riparian vegetation along watercourses so as to:-   1. maintain their natural drainage function; 2. minimise erosion of stream banks and verges; 3. reduce sediment and nutrient loads reaching watercourses within the water resource catchment. | **AO5**  No acceptable outcome provided. | Click and provide your representations. |
| **PO6**  Development does not create or increase weed or pest management problems within a water resource catchment area. | **AO6**  No acceptable outcome provided. | Click and provide your representations. |

1. Editor’s note—water supply storages and declared water resource catchment areas are identified on the Water resource catchments overlay maps in **Schedule 2 (Mapping)**. [↑](#footnote-ref-1)
2. Editor’s note—in addition to the assessment benchmarks contained in this code, the Council will have regard to any catchment management plan prepared by the responsible management entity. [↑](#footnote-ref-2)