

# State code 15: Removal of quarry material from a watercourse or lake

## 15.1 Purpose statement

The purpose of the code is to provide for the removal of **quarry material** from a **watercourse** or **lake** in a way that ensures the sustainable management of water resources and **quarry material** and does not result in adverse impacts on:

1. natural ecosystem processes
2. riverine or estuarine environment
3. the physical integrity of **watercourses** and **lakes**
4. infrastructure
5. other users' access to **quarry material** and water resources.

Note: Guidance on addressing code requirements is available in the State Development Assessment Provisions Guidance Material: State code 15: Removal of quarry material, Department of Natural Resources and Mines, 2017.

## 15.2 Performance outcomes and acceptable outcomes

Development for removing **quarry material** should demonstrate compliance with the relevant provisions in table 15.2.1.

**Table 15.2.1: Various aspects of development**

| Performance outcomes   | Acceptable outcomes                  |
|--|--------------------------------------|
| <b>PO1</b> Development does not adversely impact on the natural riverine ecosystem.  | No acceptable outcome is prescribed. |
| <b>PO2</b> Development does not adversely impact on other users' ability to access the resource.   | No acceptable outcome is prescribed. |
| <b>PO3</b> Development does not adversely impact on the physical integrity of the <b>watercourse</b> or <b>lake</b> .  | No acceptable outcome is prescribed. |
| <b>PO4</b> Development does not adversely impact on downstream features, including but not limited to estuaries and beaches, that naturally require riverine <b>quarry material</b> from the <b>watercourse</b> or <b>lake</b> to maintain natural geomorphic processes. | No acceptable outcome is prescribed. |
| <b>PO5</b> Development is carried out in a way that would not adversely impact the structure or operation of built infrastructure such as road crossings, bridges, weirs and pump sites.   | No acceptable outcome is prescribed. |

## 15.3 Reference documents

Department of Natural Resources and Mines 2017, [State Development Assessment Provisions Guidance Material: State code 15: Removal of quarry material](#)

## 15.4 Glossary of terms

**Lake** see schedule 4 of the *Water Act 2000*.

Note: **Lake** includes:

1. if a feature is identified on the **watercourse** identification map as a **lake** – means the feature identified on the map; or
2. otherwise, includes:
  - a. a lagoon, swamp or other natural collection of water, whether permanent or intermittent
  - b. the bed and banks and any other element confining or containing the water.

**Quarry material** see schedule 4 of the *Water Act 2000*.

Note: **Quarry material** means material, other than a mineral within the meaning of any Act relating to mining, in a **watercourse** or **lake**. **Quarry material** includes stone, gravel, sand, rock, clay, earth and soil unless it is removed from the **watercourse** or **lake** as waste material.

**Watercourse** see schedule 4 of the *Water Act 2000*.

Note: A **watercourse**:

1. is a river, creek or other stream, including a stream in the form of an anabranch or a tributary, in which water flows permanently or intermittently, regardless of the frequency of flow events:
  - a. in a natural channel, whether artificially modified or not; or
  - b. in an artificial channel that has changed the course of the stream
2. includes any of the following located in it:
  - a. in-stream islands
  - b. benches
  - c. bars
3. does not, however, include a drainage feature
4. further:
  - a. unless there is a contrary intention, a reference to a **watercourse** in the *Water Act 2000*, other than in section 5 or in the definitions in schedule 4 to the extent they support the operation of section 5, is a reference to anywhere that is:
    - I. upstream of the downstream limit of the **watercourse**
    - II. between the lateral limits of the **watercourse**
  - b. a reference in the *Water Act 2000* to, or to a circumstance that involves, land adjoining a **watercourse**, is a reference to, or to a circumstance that involves, land effectively adjoining a **watercourse**.

Section 5AA of the *Water Act 2000* provides for the **watercourse** identification map that identifies the known extent of **watercourses** and drainage features that are managed under the *Water Act 2000*, and is available at the following link:

[www.business.qld.gov.au/industry/water/managing-accessing/accessing-water/authorisations/watercourse-map](http://www.business.qld.gov.au/industry/water/managing-accessing/accessing-water/authorisations/watercourse-map). Please be aware that the majority of minor **watercourses** and drainage features in Queensland have not yet been mapped, as indicated in the mapping, and therefore it should not be the only source of information that is relied upon when interpreting the SDAP provisions or identifying assessment triggers.