

State code 10: Taking or interfering with water

Table 10.2.2: Operational works

General		
PO1 Works do not adversely impact on the natural riverine ecosystem.	No acceptable outcome is prescribed.	The drainage feature is a normally dry, rocky gully close to the up-stream limit of a minor tributary of M ^c Leod Ck. Catchment area above the dam-site is only 432 ha, insufficient for development of a riverine ecosystem.
Is only PO2 Works do not adversely impact other users' ability to access the resource.	No acceptable outcome is prescribed.	There are no other users with legal access to the resource at the site, nor any authorized extraction from the M ^c Leod Ck. drainage system.
PO3 Works do not adversely impact on the physical integrity of the watercourse.	No acceptable outcome is prescribed.	There will be minimal adverse impact on the drainage feature except for creation of the impoundment in stable, rocky terrain. Fish-way and spillway discharges will be returned to the drainage feature down-stream of the dam embankment.
<p>PO4 Works are consistent with any of the following, to the extent they are relevant to the proposed development:</p> <ul style="list-style-type: none"> (1) a water plan (2) a water management protocol (3) a moratorium notice issued under the <i>Water Act 2000</i>. <p>Note: Moratorium notices are published on the Department of Natural Resources and Mines website.</p> <p>An example of a requirement in a water plan is a prescribed setback distance for new water bores from other existing water bores. These requirements will be different for each water plan.</p>	No acceptable outcome is prescribed.	DNRM has provided written confirmation, (March, 1015), that the drainage feature is not a watercourse under the Water Act and therefore water flowing in it is not regulated by the Barron-Mitchell Water Resource Plan.
Underground water		
PO5 Works maintain the natural ecosystem processes of the underground water system.	No acceptable outcome is prescribed.	
PO6 Works minimise impacts on connectivity between underground water and water in a watercourse, lake or	No acceptable outcome is prescribed.	

spring.		
Overland flow water		
PO7 Works must not take overland flow water unless the works are: for an activity prescribed by regulation under the <i>Water Act 2000</i> ; or for reconfiguring existing works; or in a limited catchment area identified in a water plan; or for contaminated agricultural run-off water; or part of an environmentally relevant activity or under an environmental authority; or incidental to capturing coal seam gas water; or consistent with a water entitlement; or for the purpose of water sensitive urban design; for developments in urban areas.	No acceptable outcome is prescribed.	DNRM has provided written confirmation, (March, 1015), that the drainage feature is not a watercourse under the Water Act and therefore water flowing in it is not regulated by the Barron-Mitchell Water Resource Plan.
PO8 Works minimise the impact on receiving waters and neighbouring properties.	AO8.1 Works are in accordance with a certified report, or the works are for: (4) the taking of contaminated agricultural runoff water where the volume is less than the volume of the limited capacity identified in a water plan or water management protocol; or (5) if no limited capacity is identified the capacity is less than 12 megalitres of contaminated agricultural run-off water; or (6) taking for stock and domestic purposes; or (7) taking overland flow water under a water entitlement.	M ^c Leod Ck. discharges into Leadingham Ck. about 4.5 km down-stream of the dam-site; by which distance the catchment area has increased to almost 3000 ha. Excision of less than 15% of the catchment will have little effect on the receiving waters nor on the rights of riparian landholders. The planned works have been certified by a Register Engineering Professional, Queensland.
PO9 Works are located, constructed and operated in a way that minimises adverse impacts on neighbouring properties.	AO9.1 Works are contained within the property boundaries. AND	The proposed works are wholly contained within Lot 17. Excision of less than 15% of the catchment will have little effect, neither on the receiving waters nor on the rights of the few riparian landholders who may utilize Leadingham Ck. to water stock.
	AO9.2 At full supply level, the area inundated is contained within the property boundaries. AND	The impoundment is wholly contained within Lot 17.
	AO9.3 Bywash resulting from the works and any water diverted away from contaminated areas exits the property as close as practicable to the same location to which it exited the property boundary prior to construction of the works.	The location of the drainage feature exit will be unchanged.

Reconfiguring existing works		
PO10 Construction of new works must not increase the overall take of overland flow water.	AO10.1 Construction of new works must not result in an increase any of the following: (8) the capacity of the works to store water; or (9) the rate at which the works take water; or (10) the average volume of water taken by the works.	There are no existing works at the site. No significant overland flow water is currently captured on the property, except for very small stock-water dams.
PO11 Works must not involve reconfiguration of natural water bodies or bunded areas.	No acceptable outcome is prescribed.	N/A
PO12 Works must not involve reconfiguration of the storage capacity of any of the following: (11) a lake that was not used for irrigation or other intensive stocking or production; or (12) land being used for irrigated or dryland agriculture or areas surrounded by levees designed to prevent the land becoming inundated; or (13) naturally occurring infield storages.	No acceptable outcome is prescribed.	N/A
PO13 New works must be located within the same premises as the existing works.	No acceptable outcome is prescribed.	N/A
Limited catchment areas		
PO14 In the limited catchment areas, any works for storing water must not: be larger than necessary for storing water other than overland flow water; or be able to take floodwater overflowing from any adjacent watercourse. Note: Limited catchment areas are listed in table 10.3.1.	AO14.1 In the limited catchment areas, the incidental take of overland flow water: is located within the sub-catchment/management area listed in table 10.3.1, column 2 for the relevant limited catchment area; and is stored in a local catchment area that is less than or equal to the area of the limited catchment area specified in table 10.3.1, column 3.	N/A
Contaminated agricultural run-off water		
PO15 Works to take contaminated agricultural run-off water must: demonstrate that there is no alternative way to take the water by using or reconfiguring existing works be no larger than necessary to contain contaminated agricultural run-off water or tailwater minimise the volume of water that becomes contaminated agricultural run-off water where practicable, allow for water that is not contaminated agricultural run-off water or tailwater to be passed through the works. Note: The design of the works should have regard to relevant industry guidelines and best practice environmental management.	No acceptable outcome is prescribed.	N/A

Coal seam gas		
PO16 Works only capture overland flow water necessary for the operation of the environmentally relevant activity or environmental authority under the <i>Environmental Protection Act 1994</i> .	No acceptable outcome is prescribed.	N/A
Environmentally relevant activity		
PO17 Any storage for the works must: be no larger than necessary to store coal seam gas water for the beneficial use of the resource under chapter 8 of the <i>Waste Reduction and Recycling Act 2011</i> minimise the volume of overland flow water taken not be able to take floodwater from any adjacent watercourse not contain coal seam gas water that could be stored in an existing alternative storage.	No acceptable outcome is prescribed.	N/A