

9 Development codes

9.4.1.5 Extractive industry zone

9.4.1.5.1 Purpose - Extractive industry zone

1. The purpose of this part of the Reconfiguring a lot code is to facilitate and manage the outcomes of development for reconfiguring a lot and its associated Operational Works in the Extractive industry zone, to achieve the Overall Outcomes.
2. The purpose of this part of the code will be achieved through the overall outcomes as identified in Part 9.4.1 - Reconfiguring a lot code and the following additional Extractive industry zone specific overall outcomes:
 - a. Reconfiguring a lot does not compromise the viability of existing and future resource extraction, and ensures existing and future operations are protected from intrusion of incompatible uses.
 - b. Reconfiguring a lot avoids areas subject to constraint, limitation, or environmental values. Where reconfiguring a lot cannot avoid these identified areas, it responds by:
 - i. adopting a 'least risk, least impact' approach when designing, siting and locating development to minimise the potential risk to people, property and the environment;
 - ii. ensuring no further instability, erosion or degradation of the land, water or soil resource;
 - iii. maintaining environmental values, including natural, ecological, biological, aquatic, hydrological and amenity values, and enhancing these values through the provision of environmental offsets, landscaping and facilitating safe wildlife movement through the environment;
 - iv. protecting native species and protecting and enhancing native species habitat;
 - v. protecting and preserving the natural, aesthetic, architectural historic and cultural values of significant trees, places, objects and buildings of heritage and cultural significance;
 - vi. establishing effective separation distances, buffers and mitigation measures associated with major infrastructure to minimise adverse effects on sensitive land uses from noise, dust and other nuisance generating activities;
 - vii. ensuring it promotes and does not undermine the ongoing viability, integrity, operation, maintenance and safety of major infrastructure;
 - viii. Ensuring effective and efficient disaster management response and recovery capabilities.
 - c. The Reconfiguring a lot, Operational works associated with the Reconfiguring a lot, and uses expected to occur as a result of the Reconfiguring a lot:
 - i. responds to the risk presented by overland flow and minimises risk to personal safety;
 - ii. is resilient to overland flow impacts by ensuring the siting and design accounts for the potential risks to property associated with overland flow;
 - iii. does not impact on the conveyance of overland flow up to and including the Overland Flow Defined Flood Event;
 - iv. directly, indirectly and cumulatively avoids an increase in the severity of overland flow and potential for damage on the premises or to a surrounding property.
 - d. Reconfiguring a lot achieves the intent and purpose of the Extractive industry zone outcomes as identified in Part 6.

9.4.1.5.2 Criteria for assessment

Part H - Criteria for assessable development - Extractive industry zone

Table 9.4.1.5.1 Assessable development - Extractive industry zone

Performance outcomes	Acceptable outcomes
Lot Size	
PO1	No acceptable outcome provided.

Performance outcomes	Acceptable outcomes
<p>Lots are of sufficient size to accommodate land uses consistent in the zone and do not compromise extraction in the key resource areas.</p> <p>Note - Refer to the overall outcomes of Extractive industry zone for a list of consistent uses.</p>	
<p>PO2</p> <p>All new lots created for the purpose of extractive resources have direct access to the Extractive resources transport route.</p>	<p>No acceptable outcome provided.</p>
Noise	
<p>PO3</p> <p>Noise attenuation structure (e.g. walls, barriers or fences):</p> <ol style="list-style-type: none"> a. contribute to safe and usable public spaces, through maintaining high levels of surveillance of parks, streets and roads that serve active transport purposes (e.g. existing or future pedestrian paths or cycle lanes etc); b. maintain the amenity of the streetscape. <p>Note - A noise impact assessment may be required to demonstrate compliance with this PO. Noise impact assessments are to be prepared in accordance with Planning scheme policy - Noise.</p> <p>Note - Refer to Planning Scheme Policy – Integrated design for details and examples of noise attenuation structures.</p>	<p>AO3</p> <p>Noise attenuation structures (e.g. walls, barriers or fences):</p> <ol style="list-style-type: none"> a. are not visible from an adjoining road or public area unless; <ol style="list-style-type: none"> i. adjoining a motorway or rail line; or ii. adjoining part of an arterial road that does not serve an existing or future active transport purpose (e.g. pedestrian paths or cycle lanes) or where attenuation through building location and materials is not possible. b. do not remove existing or prevent future active transport routes or connections to the street network; c. are located, constructed and landscaped in accordance with Planning scheme policy - Integrated design. <p>Note - Refer to Planning Scheme Policy – Integrated design for details and examples of noise attenuation structures.</p> <p>Note - Refer to Overlay map – Active transport for future active transport routes.</p>
Values and constraints criteria	
<p>Note - The relevant values and constraints criteria do not apply where the development is consistent with a current Development permit for Reconfiguring a lot or Material change of use or Operational work, where that approval has considered and addressed (e.g. through a development footprint plan (or similar in the case of Landslide hazard) or conditions of approval) the identified value or constraint under this planning scheme.</p>	
Environmental areas (refer Overlay map - Environmental areas to be determined if the following assessment criteria apply)	
<p>Note - The identification of a development footprint will assist in demonstrating compliance with the following performance standards.</p> <p>Editors' Note - The accuracy of overlay mapping can be challenged through the development application process (code assessable development) or by way of a planning scheme amendment. See Council's website for details.</p>	
<p>PO4</p>	<p>No acceptable outcome provided</p>

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Performance outcomes	Acceptable outcomes
<p>No new boundaries are located within 4m of High Value Areas.</p>	
<p>PO5</p> <p>Lots are designed to:</p> <ol style="list-style-type: none"> minimise the extent of encroachment into the MLES waterway buffer or a MLES wetland buffer; ensure quality and integrity of biodiversity and ecological values is not adversely impacted upon but are maintained and protected; incorporate native vegetation and habitat trees into the overall subdivision design, development layout, on-street amenity and landscaping where practicable; provide safe, unimpeded, convenient and ongoing wildlife movement; avoid creating fragmented and isolated patches of native vegetation; ensuring that soil erosion and land degradation does not occur; ensuring that quality of surface water is not adversely impacted upon by providing effective vegetated buffers to water bodies. <p>AND</p> <p>Where development results in the unavoidable loss of native vegetation within a MLES waterway buffer or a MLES wetland buffer, an environmental offset is required in accordance with the environmental offset requirements identified in Planning scheme policy - Environmental areas.</p>	<p>AO5</p> <p>Reconfiguring a lot ensures that no additional lots are created within a Value Offset Area.</p>
<p>Infrastructure buffers (refer Overlay map - Infrastructure buffers to determine if the following assessment criteria apply)</p> <p>Note - The identification of a development footprint will assist in demonstrating compliance with the following performance criteria.</p>	
<p>High voltage electricity line buffer</p>	
<p>PO6</p> <p>New lots provide a development footprint outside of the buffer.</p>	<p>No acceptable outcome provided.</p>
<p>PO7</p> <p>Adequate buffers are provided between utilities and dwellings (e.g. Caretaker's accommodation⁽¹⁰⁾) to protect residential amenity and health.</p>	<p>AO7</p> <p>New lots provide a development footprint for utilities and dwellings (e.g Caretaker's accommodation⁽¹⁰⁾) outside of the buffer.</p>

Performance outcomes	Acceptable outcomes
<p>PO8</p> <p>The creation of new lots does not compromise or adversely impact upon the efficiency and integrity of supply.</p>	<p>No new lots are created within the buffer area.</p>
<p>PO9</p> <p>The creation of new lots does not compromise or adversely impact upon access to the supply line for any required maintenance or upgrading work.</p>	<p>No new lots are created within the buffer area.</p>
<p>PO10</p> <p>Boundary realignments:</p> <ul style="list-style-type: none"> i. do not result in the creation of additional building development opportunities within the buffer; ii. result in the reduction of building development opportunities within the buffer. 	<p>No acceptable outcome provided.</p>
<p>Overland flow path (refer Overlay map - Overland flow path to determine if the following assessment criteria apply)</p> <p>Note - The applicable river and creek flood planning levels associated with defined flood event (DFE) within the inundation area can be obtained by requesting a flood check property report from Council.</p>	
<p>PO11</p> <p>Development:</p> <ul style="list-style-type: none"> a. minimises the risk to persons from overland flow; b. does not increase the potential for damage from overland flow either on the premises or on a surrounding property, public land, road or infrastructure. 	<p>No acceptable outcome provided.</p>
<p>PO12</p> <p>Development:</p> <ul style="list-style-type: none"> a. maintains the conveyance of overland flow predominantly unimpeded through the premises for any event up to and including the 1% AEP for the fully developed upstream catchment; b. does not concentrate, intensify or divert overland flow onto an upstream, downstream or surrounding property. <p>Note - Reporting to be prepared in accordance with Planning scheme policy – Flood hazard, Coastal hazard and Overland flow..</p>	<p>AO12</p> <p>Development ensures that any buildings are not located in an Overland flow path area.</p> <p>Note: A report from a suitably qualified Registered Professional Engineer Queensland is required certifying that the development does not increase the potential for significant adverse impacts on an upstream, downstream or surrounding property.</p>

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Performance outcomes	Acceptable outcomes
<p>PO13</p> <p>Development does not:</p> <ol style="list-style-type: none"> directly, indirectly or cumulatively cause any increase in overland flow velocity or level; increase the potential for flood damage from overland flow either on the premises or on a surrounding property, public land, road or infrastructure. <p>Note - Open concrete drains greater than 1m in width are not an acceptable outcome, nor are any other design options that may increase scouring.</p> <p>Note - A report from a suitably qualified Registered Professional Engineer Queensland is required certifying that the development does not increase the potential for significant adverse impacts on an upstream, downstream or surrounding premises.</p> <p>Note - Reporting to be prepared in accordance with Planning scheme policy – Flood hazard, Coastal hazard and Overland flow</p>	<p>No acceptable outcome provided.</p>
<p>PO14</p> <p>Development ensures that overland flow is not conveyed from a road or public open space onto a private lot, unless the development is in a Rural zone.</p>	<p>AO14</p> <p>Development ensures that overland flow paths and drainage infrastructure is provided to convey overland flow from a road or public open space area away from a private lot, unless the development is in the Rural zone.</p>
<p>PO15</p> <p>Development ensures that Council and inter-allotment drainage infrastructure, overland flow paths and open drains through private property cater for overland flows for a fully developed upstream catchment flows and are able to be easily maintained.</p> <p>Note - A report from a suitably qualified Registered Professional Engineer Queensland is required certifying that the development does not increase the potential for significant adverse impacts on an upstream, downstream or surrounding premises.</p> <p>Note - Reporting to be prepared in accordance with Planning scheme policy – Flood hazard, Coastal hazard and Overland flow</p>	<p>AO15.1</p> <p>Development ensures that roof and allotment drainage infrastructure is provided in accordance with the following relevant level as identified in QUDM:</p> <ol style="list-style-type: none"> Urban area – Level III; Rural area – N/A; Industrial area – Level V; Commercial area – Level V. <p>AO15.2</p> <p>Development ensures that all Council and allotment drainage infrastructure is designed to accommodate any event up to and including the 1% AEP for the fully developed upstream catchment.</p>
<p>PO16</p> <p>Development protects the conveyance of overland flow such that easements for drainage purposes are provided over:</p>	<p>No acceptable outcome provided</p>

Performance outcomes	Acceptable outcomes
<p>a. a stormwater pipe if the nominal pipe diameter exceeds 300mm;</p> <p>b. an overland flow path where it crosses more than one property; and</p> <p>c. inter-allotment drainage infrastructure.</p> <p>Note - Refer to Planning scheme policy - Integrated design for details and examples.</p> <p>Note - Stormwater drainage easement dimensions are provided in accordance with Section 3.8.5 of QUDM.</p>	
<p>Additional criteria for development for a Park⁽⁵⁷⁾</p>	
<p>PO17</p> <p>Development for a Park⁽⁵⁷⁾ ensures that the design and layout responds to the nature of the overland flow affecting the premises such that:</p> <p>a. public benefit and enjoyment is maximised;</p> <p>b. impacts on the asset life and integrity of park structures is minimised;</p> <p>c. maintenance and replacement costs are minimised.</p>	<p>AO17</p> <p>Development for a Park⁽⁵⁷⁾ ensures works are provided in accordance with the requirements set out in Appendix B of the Planning scheme policy - Integrated Design.</p>
<p>Riparian and wetland setbacks (refer Overlay map - Riparian and wetland setback to determine if the following assessment criteria apply)</p> <p>Note - - W1, W2 and W3 waterway and drainage lines, and wetlands are mapped on Schedule 2, Section 2.5 Overlay Maps – Riparian and wetland setbacks.</p>	
<p>PO18</p> <p>Lots are designed to:</p> <p>a. minimise the extent of encroachment into the riparian and wetland setback;</p> <p>b. ensure the protection of wildlife corridors and connectivity;</p> <p>c. reduce the impact on fauna habitats;</p> <p>d. minimise edge effects;</p> <p>e. ensure an appropriate extent of public access to waterways and wetlands.</p>	<p>AO18</p> <p>Reconfiguring a lot ensures that:</p> <p>a. no new lots are created within a riparian and wetland setback;</p> <p>b. new public roads are located between the riparian and wetland setback and the proposed new lots.</p> <p>Note - Riparian and wetlands are mapped on Schedule 2, Section 2.5 Overlay Maps – Riparian and wetland setbacks.</p>