**7.4.1 Operational works code**

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| **Performance outcomes** | **Acceptable outcomes** | **Complies** | **Justification for compliance** |
| **Site Layout** | |  |  |
| **PO1**  Adverse impacts of operations are minimised including impacts from:   * noise * dust * silt * overland runoff water, and * other noxious emissions on adjoining land and natural features, including surface and groundwater. | **AO1**  Excavation or filling on all land (except dams on rural zoned land for rural purposes):   1. does not exceed 1m deep or 1m high (except for excavation for building works). 2. ensures the fill or excavation line is not closer than 10m from an adjoining property boundary. 3. has a childproof fence if excavation is for a water retaining structure. 4. ensures no ponding develops on adjacent land at any time. 5. restores all surfaces exposed or damaged by the operations immediately on conclusion of the works to their original standard. 6. ensures works are a minimum 100m from wetlands and 200m from rivers, creeks and streams. 7. Include measures that minimise risk of erosion or sedimentation on adjacent land as a result of diverted, or concentrated, overland runoff. |  |  |
| **PO2**  Operational works or the construction activities for the development avoid or minimise adverse impacts on stormwater quality. | **AO2.1**  An erosion and sediment control plan (ESCP) demonstrates that release of sediment-laden stormwater is avoided for the nominated design storm, and minimised when the nominated design storm is exceeded, by addressing design objectives listed below in Table 7.4.1.2 (construction phase) or local equivalent, for:   1. drainage control 2. erosion control 3. sediment control 4. water quality outcomes.   **AO2.2**  ESCP (including any proprietary erosion and sediment control products) are designed, installed, constructed, operated, monitored and maintained, and any other erosion and sediment control practices are carried out in accordance with local conditions and appropriate recommendations from a suitably qualified person. |  |  |
| **Levees** | |  |  |
| **PO3**  Any off-property impact from the levee is minimised and mitigated having regard to  the following—   * the environment in which the levee is located. * the measures proposed to be taken to mitigate any off-property impact. * any compensation measures for an impact that is proposed by the applicant. | **AO3**  The levee does not result in:   1. an unacceptable change in hydraulic effects that occur off-property; and 2. an unacceptable impact on people, property or the environment. |  |  |
| **PO4**  The levee is a safe and stable structure. | **AO4**  The design, construction, operation and maintenance for the levee are appropriate for the materials used and the levee’s intended function. |  |  |
| **PO5**  Community safety is ensured in the event a category 3 levee fails or overtops.  Editor’s note— For further details on levees including classification, planning and development see DNRM Guideline: Regulation of levee banks  <https://www.dnrm.qld.gov.au/water/catchments-planning/levees> | **AO5.1**  Demolition is required due to a catastrophic event which substantially destroys the structure or building.  **AO5.2**  Appropriate emergency action procedures are in place for category 3 levees. |  |  |
| **Hazardous Activities** | |  |  |
| **PO6**  Extractive industry provides for the progressive rehabilitation of all areas subject to extractive industry operations to a stable and restored state so the land is suitable for use by alternative land uses. | **AO6**  Extractive industry provides for all rehabilitation works to be undertaken on a progressive basis in accordance with an approved final landform design and site rehabilitation plan. |  |  |
| **PO7**  The impacts of development on matters of state environmental significance (identified in [SPP mapping – Environmental and Heritage – Biodiversity](https://spp.dsdip.esriaustraliaonline.com.au/geoviewer/map/planmaking)) are avoided or if avoidance is not possible, minimised. | **AO7**  No acceptable outcome is prescribed. |  |  |
| **PO8**  Development is located to protect sensitive land uses from the impacts of previous activities that may cause risk to people or property including land containing former mining activities and hazards e.g. disused underground mines, tunnels, shafts and petroleum or gas wells.  **Note:** A geotechnical assessment report prepared by suitably qualified and experienced person will assist in demonstrating the achievement of the performance outcome where a possible risk from former mining activities is identified through local knowledge, a pre-development ground inspection, Schedule 4 – Online Mapping Resources – Mines Online Maps, or other sources. | **AO8**  No acceptable outcome is prescribed. |  |  |
| **PO9**  The integrity and function of high pressure pipelines carrying petroleum is maintained. | **AO9**  Operations:   1. are located no less than 200m from petroleum pipelines and the centre line of petroleum pipeline easements identified on SPP Mapping – Hazards and Safety – Emissions and Hazardous Activities – High pressure gas pipelines. 2. must not impact on pipeline function. 3. where operations are proposed on a pipeline easement, the proponent consults the pipeline license holder. |  |  |