



**Table X – Example of how to report performance against approved environmental outcomes and performance criteria**

Environmental Factor	DMIRS Objective	Risk Pathways	Environmental Outcome	Performance Criteria	Monitoring	Summary of monitoring results and environmental performance against approved environmental outcome and performance criteria	Attachments
<b>Biodiversity / Flora / Fauna / Ecosystem</b>	To maintain representation, diversity, viability and ecological function at the species, population and community level.	Clearing and loss of habitat, dewatering, invasive pest introduction, pit lakes.	No impact to vegetation beyond the mine disturbance boundary.	No clearing beyond mine disturbance boundary.	Quarterly survey of disturbance areas.	<p>ABC Mining Pty Ltd's mine survey department has conducted quarterly surveys of disturbance areas during the reporting period. Based on these surveys, all land clearing conducted during the reporting period has been within the mine disturbance boundary. The attached annual native vegetation clearing permit report for CPS XXXX/1 and quarterly disturbance reports prepared by the mine survey department provide supporting evidence.</p> <p>Based on the above, ABC Mining Pty Ltd has demonstrated achievement of this performance criterion this reporting period.</p>	<p>Annual Native Vegetation Clearing Permit Report for CPS XXXX/1.</p> <p>Quarterly Disturbance Reports (including maps showing disturbed areas in comparison to the approved development envelope)</p>
			Native fauna impacts minimised within mine disturbance boundary and avoided outside of mine disturbance boundary.	No death of native fauna of conservation significance through entrapment in mine facilities.	Daily TSF and evaporation pond checks.  Daily checks of all open trenches.	<p>ABC Mining Pty Ltd has conducted daily TSF, evaporation pond and trench checks during the reporting period and documented its findings using the attached TSF/ Evaporation Pond checklist. Based on these checks, there has been no recorded fatality of native fauna of conservation significance through entrapment in mine facilities. Daily inspection checklists are retained in ABC Mining's EMS and can be provided to DMIRS upon request.</p> <p>Based on the above, ABC Mining Pty Ltd has demonstrated achievement of this performance criterion this reporting period.</p>	<p>TSF/Evaporation Pond daily inspections summary.</p> <p>Open trench daily inspections summary.</p>
<b>Water Resources</b>	To maintain the hydrological regimes and quality of groundwater and surface water so that existing and potential uses, including ecosystem maintenance, are protected.	Blocking and diverting of surface water flows, contamination of ground and surface water, potential pit lakes.	Water quality and quantity downstream of the mine disturbance boundary is maintained within the range of variance of pre-mining background levels.	Water quality (TDS, pH and presence/absence of hydrocarbons) is within 10% of background levels when measured at 500m downstream from mine disturbance boundary (Surface water monitoring points X, Y, Z shown on Map A).  Groundwater level change less than 1m (maximum level of pre-mining natural variance) beyond mine disturbance boundary (bores X, Y and Z shown on Map A).	Monthly sampling at surface water monitoring points X, Y, Z, when there is water flow.  Regional groundwater levels monitored quarterly.	<p><b>Surface Water</b></p> <p>ABC Mining Pty Ltd conducted sampling of surface water at monitoring points X, Y, Z (as shown on attached Map A) during the months of August and September only. There was no water flow at monitoring points X, Y or Z in the remaining months during the reporting period. The attached Bureau of Meteorology rainfall data for Town X, located approximately 10km west of ABC Mine, supports the absence of surface water flow at the specified monitoring points.</p> <p>Surface water quality at monitoring points X, Y and Z (for the months of August and September) was within 10% of background levels for all parameters measured as shown by Graph A. The attached Surface Water Monitoring Report provides supporting evidence.</p> <p><b>Groundwater</b></p> <p>ABC Mining Pty Ltd conducted quarterly groundwater monitoring at bores X, Y and Z (as shown on attached Map A). Based on the results of this monitoring, there has been no detectable change of groundwater levels at the sampled locations as shown by Graph B.</p> <p>Based on the above, ABC Mining Pty Ltd has demonstrated achievement of these performance criteria this reporting period.</p>	<p>Map A (showing surface water and groundwater monitoring locations)</p> <p>Bureau of Meteorology rainfall data for Town X</p> <p>Graph A (showing reporting period water quality results against background levels with the 10% allowable margin indicated).</p> <p>Surface Water Monitoring Report</p> <p>Graph B (showing reporting period ground water levels against pre-mining levels with the allowable 1m margin indicated)</p> <p>Groundwater Monitoring Report</p>