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Appendix 3-B Riparian Zone Inspection Results



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Physical Integrity	Riparian Vegetation	Other Comments	Photograph
1. Tributary to Cubberla Creek (opposite KBP-Centenary Motorway merge)			
<ul style="list-style-type: none"> • Little erosion present due to good ground coverage by vegetation. • Naturally a low point within the landscape but has been modified by people through concrete scour protection and channel narrowing. • Some litter observed – plastic bottles, food wrappers, etc. 	<ul style="list-style-type: none"> • Banks vegetated with 90% coverage. • Dominated by weed species including <i>Cinnamomum camphora</i> (camphor laurel), <i>Cyperus papyrus</i> (papyrus) and <i>Ipomoea cairica</i> (morning glory). 	<ul style="list-style-type: none"> • Ephemeral freshwater drain. 	
2. Cubberla Creek (downstream of KBP)			
<ul style="list-style-type: none"> • Little erosion present due to good ground coverage by vegetation. • Surrounded by recreational reserve. • Minor amounts of litter observed. 	<ul style="list-style-type: none"> • Banks vegetated with 90% coverage. • Dominated by weed species including <i>Cinnamomum camphora</i> (camphor laurel), <i>Cyperus papyrus</i> (papyrus), <i>Ipomoea cairica</i> (morning glory) and <i>Pennisetum purpureum</i> (elephant grass), 	<ul style="list-style-type: none"> • Freshwater. • Collects water from the Akuna Street branch and the branch that runs parallel to the Centenary Motorway. • No oily films observed on water surface (however recent rainfall may have flushed this through). 	

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3. Kingfisher Park Drainage Line			
<ul style="list-style-type: none"> • Little erosion present due to good ground coverage by vegetation. • Naturally a low point within the landscape but has been modified by people through concrete scour protection and channel narrowing. • Excellent water clarity – no visible signs of erosion. • Some litter observed – plastic bottles, cricket bat, etc. 	<ul style="list-style-type: none"> • Banks vegetated with 100% coverage, approx. two metres either side of drainage line. • Mainly weedy groundcover and herbaceous species, few shrubs and trees. • Weed species include <i>Ageratum houstonianum</i> (blue billygoat weed), <i>Cyperus</i> sp., <i>Pennisetum purpureum</i> (elephant grass) and <i>Sphagneticola trilobata</i> (Singapore daisy). 	<ul style="list-style-type: none"> • Freshwater. • Native frogs present (refer to Chapter 6 (Fauna) for more detail) indicating good long-term water quality. 	
4. Moggill Creek (within the vicinity of KBP)			
<ul style="list-style-type: none"> • Little erosion present due to good ground coverage by vegetation. • Some disturbance to banks observed by feral hoofed animals (deer and/or pigs). 	<ul style="list-style-type: none"> • Banks vegetated with 80% coverage, approx. ten metres either side of creek. • Mainly mangrove species with few weed species. • <i>Lilaeopsis brisbanica</i> observed growing along banks of tributary leading to Moggill Ck from freshwater body adjacent Moggill Rd. Refer to Chapter 7 (Flora) for more detail. 	<ul style="list-style-type: none"> • Tidal. 	

Physical Integrity	Riparian Vegetation	Other Comments	Photograph
5. Freshwater body adjacent Moggill Rd			
<ul style="list-style-type: none"> Disturbance to surrounding banks noted; most likely from feral hoofed animals (deer and/or pigs). 	<ul style="list-style-type: none"> Banks vegetated with weedy grass, herb and shrub species typically associated with grazing land use. Heavy algal growth most likely due to presence of nutrients and long residence times (water body largely stagnant). 	<ul style="list-style-type: none"> Freshwater. Collects water from Moggill Rd. No oily films observed on water surface (however recent rainfall may have flushed this through). Native frogs present (refer to Chapter 6 (Fauna) for more detail) indicating good long-term water quality. 	

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