

PLATES

Plate 1. Aerial photographs of key features of the Caboolture River.

Plate 2. Aerial photographs of key features of the NEBP and surrounds.

Plate 3. Photographs of key features of the aquatic habitats of the NEBP property.

Plate 4. Photographs of Caboolture Weir (upstream of NEBP property).

Plate 5. Photographs of existing infrastructure, Caboolture River.

Plate 6. Erosion issues, Caboolture River.

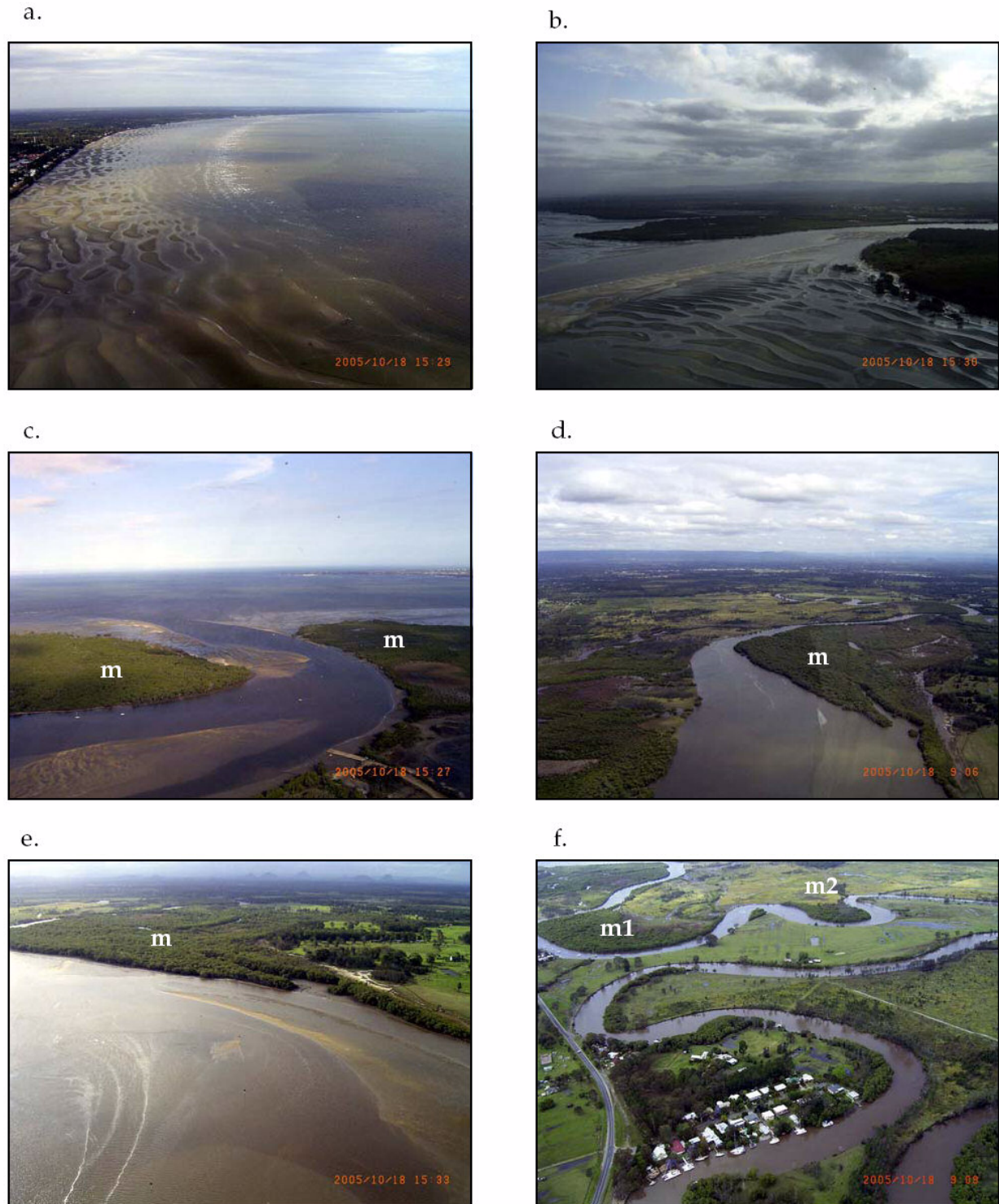


Plate 1. Aerial photographs of key features of the Caboolture River: a) tidal flats on Deception Bay north of Caboolture R.; b) entrance to Caboolture R. looking upstream; c) entrance to Caboolture R. looking towards Deception Bay – note well defined tidal flats; d) large stands of mangroves (m) just upstream of river entrance; e) mud/sand flat adjacent to river channel and mangroves; f) mangroves in middle reach of river (m1 & m2) – m2 is within buffer area on NEBP property.



Plate 2. Aerial photographs of key features of the NEBP and surrounds: a) proposed entrance to the marina (arrow); b) large wetland at western end of NEBP; c) large wetland within NEBP inundated at spring high tide; d) Raft Creek within NEBP at high tide; e) Raft Creek at low tide; f) artificial freshwater pond upstream of NEBP and upstream of tidal influence. NOTE: saltmarsh and mangrove wetlands shown within NEBP in plates b-e occur within proposed buffer areas on NEBP property.

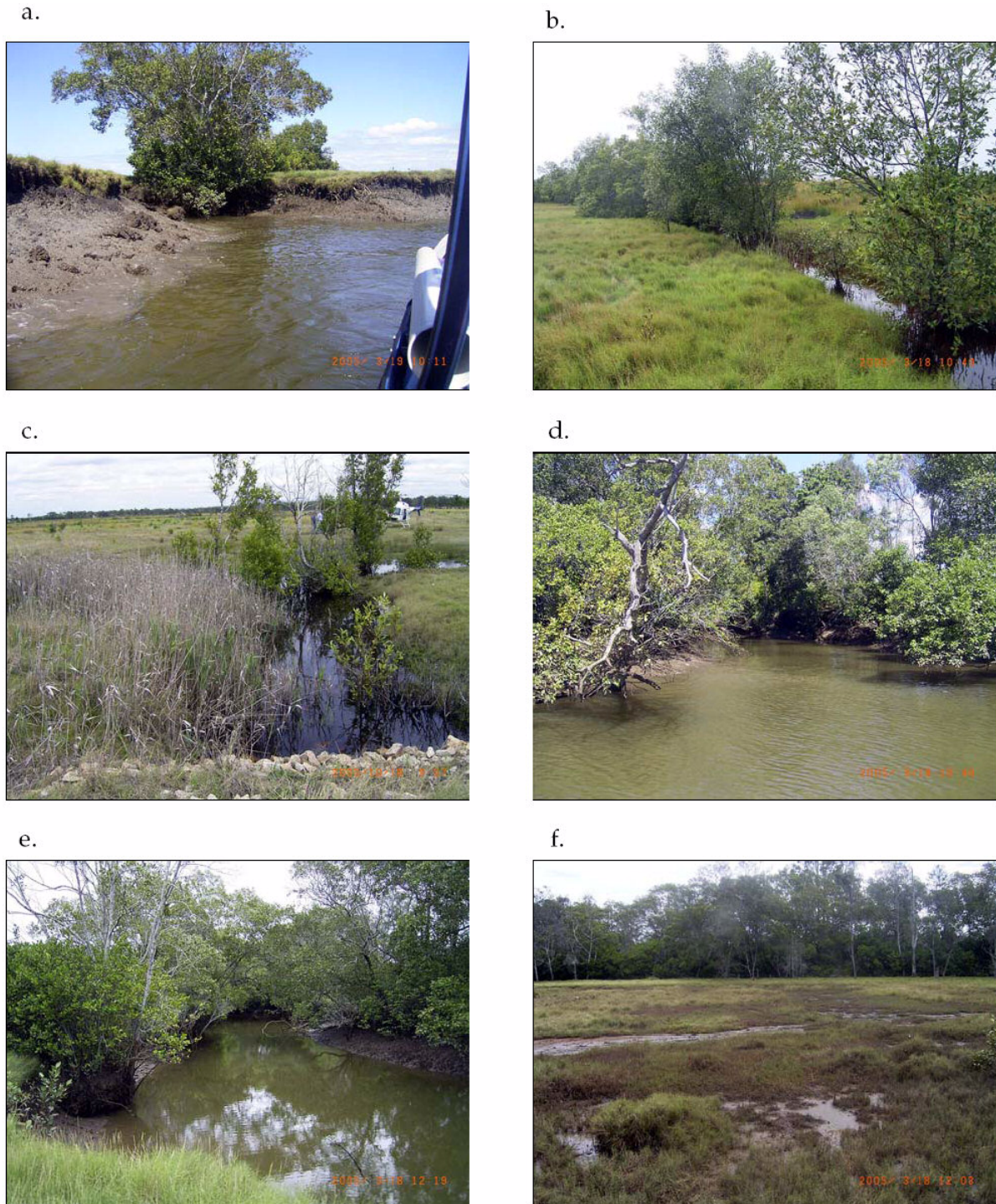


Plate 3. Photographs of key features of the aquatic habitats of the NEBP property: a) entrance from the Caboolture River to small tidal channel at eastern end of property (adjacent to proposed marina entrance); b) mangroves along tidal channel in (a); c) stony culvert across tidal channel, looking “upstream”; d) entrance to Raft Creek from Caboolture River; e) further upstream in Raft Creek, showing muddy banks; f) saltmarshes with mangroves in the background. All wetlands, except (a) & (b) within proposed buffer areas.

a.



b.



c.



d.



e.



f.



Plate 4. Photographs of Caboolture Weir (upstream of NEBP property): a) weir spillway - upstream to the right of plate; b) fishway on downstream, southern side of weir; c) upstream of weir under dry conditions – note extensive macrophytes; d) downstream of weir under dry conditions – no large beds of macrophytes present; e) overtopping of the weir - upstream view - no macrophytes evident; f) overtopping of weir – downstream view.



Plate 5. Photographs of existing infrastructure, Caboolture River): a) commercial marina and slipway downstream of NEBP property, with large stand of mangroves (m1) previously shown in Plate 1f; b) waterfront properties and private berths adjacent to Beachmere Rd and opposite NEBP property; c) water view of same area as shown in (b); d) private boat ramp, mooring piles and erosion control works; e) Caboolture Waste Water Treatment Plant (WWTP) with Caboolture R. in background; f) Burpengary WWTP between Caboolture R. (upper) and Burpengary Ck.

a.



b.



c.



d.



e.



f.



Plate 6. Erosion issues, Caboolture River: a & b) bare river banks with erosion evident in intertidal zone; c) mature mangroves overhanging river; d) pneumatophores (peg roots) of mangroves stabilising the shoreline; e) onsite erosion from unauthorised vehicles; f) car dumped in the Caboolture River on project site upstream of entrance to proposed marina basin.