

MCDOWELL STREET BUSHLAND, WELSHPOOL

Boundary Definition: bushland taken to zoning boundary

SECTION 1: LOCATION INFORMATION

Bush Forever Site no. 424

Area (ha): bushland 8.1

Map no. 48, 49

Map sheet series ref. no. 2033-I NE, 2034-II SE

Other Names: Location 69 (Keighery, BJ, and Trudgen 1992)

Local Authorities (Suburb): City of Canning (Welshpool)

SECTION 2: REGIONAL INFORMATION

LANDFORMS AND SOILS

Bassendean Dunes

Bassendean Sands (Qpb: S8)

Bassendean Dunes/Pinjarra Plain

Bassendean Sands over Guildford Formation (Qpb/Qpa: S10)

VEGETATION AND FLORA

Vegetation Complexes

Combinations of Bassendean Dunes/Pinjarra Plain/Spearwood Dunes

Southern River Complex

Floristic Community Types: *not sampled, types inferred

Supergroup 2: Seasonal Wetlands

Supergroup 3: Uplands centred on Bassendean Dunes and Dandaragan Plateau

*20a *Banksia attenuata* woodlands over species-rich dense shrublands AND/OR

*23a Central *Banksia attenuata* — *B. menziesii* woodlands

WETLANDS

Wetland Types: artificial lake, dampland

Natural Wetland Groups

Bassendean—Pinjarra transition OR Bassendean with fluvial features

Mungala (B/P.2)

Wetland Management Objectives: Conservation (0.3ha)

Swan Coastal Plain Lakes EPP: none identified

THREATENED ECOLOGICAL COMMUNITIES

Not assessed, possibly Endangered (floristic community type 20a)

SECTION 3: SPECIFIC SITE DETAIL

Landscape Features: vegetated wetland, vegetated uplands

Vegetation and Flora: limited survey (Keighery, BJ, and Trudgen 1992)

Structural Units: mapping (Keighery, BJ, and Trudgen 1992)

Uplands: *Eucalyptus calophylla* Woodland to Open Forest; *Banksia attenuata* and *B. menziesii* Low Woodland

Wetlands: *Melaleuca preissiana* and *Acacia saligna* Low Open woodland

Vegetation Condition: Very Good to Degraded, with areas of severe localised disturbance

Total Flora: not known

Significant Flora: *Conospermum triplinervium*

Fauna: not known

Linkage: adjacent bushland to the south (Site 283)

Other Special Attributes: contains plant communities representative of the eastern side of the Swan Coastal Plain

SECTION 4: INTERNATIONAL AND NATIONAL SIGNIFICANCE

Not listed

SECTION 5: SELECTION CRITERIA AND RECOMMENDATIONS

Criteria: Representation of ecological communities, Diversity, General criteria for the protection of wetland, streamline and estuarine fringing vegetation and coastal vegetation, Criteria not relevant to determination of regional significance, but which may be applied when evaluating areas having similar values

Recommendation: Part A: Site with Some Existing Protection: the existing care, control and management intent of the reserve is endorsed. The purpose of the reserve should be amended to include conservation and appropriate mechanisms applied in consultation with the management body. Part B: Proposed Parks and Recreation Reservation (see Table 3, Volume 1).

SECTION 4: INTERNATIONAL AND NATIONAL SIGNIFICANCE

Subject to protection under the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999*

SECTION 5: SELECTION CRITERIA AND RECOMMENDATIONS

Criteria: Representation of ecological communities, Rarity, General criteria for the protection of wetland, streamline and estuarine fringing vegetation and coastal vegetation, Criteria not relevant to determination of regional significance, but which may be applied when evaluating areas having similar values

Recommendation: Site with Some Existing Protection; the existing care, control and management intent of the reserve is endorsed. The purpose of the reserve should be amended to include conservation and appropriate mechanisms applied in consultation with the management body (see Table 3, Volume 1).