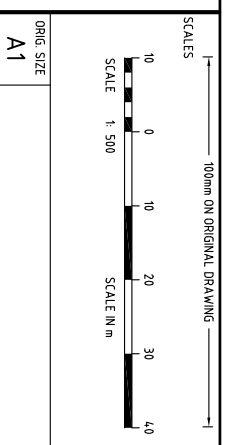


- LEGEND**
- Vegetation - *Baumea rubiginosa*
 - Vegetation - *Crassula helmsii*
 - Vegetation - *Eleocharis acuta*
 - Vegetation - Freshwater Meadow Vegetation
 - Vegetation - Open Water Zone
 - Vegetation - *Poa and Gahnia*
 - Vegetation - *Triglochin & Crassula*
 - Vegetation - *Triglochin procerum*
 - Vegetation - *Poa*
- ϕ WATER VOLUME: 0.80 ML AREA:1362m² TOTAL AREA OF WETLAND 1: 11219m²
 ϕ WATER VOLUME: 7.83 ML AREA:5554m² TOTAL AREA OF WETLAND 2: 7352m²
 ϕ WATER VOLUME: 5.91 ML AREA:5422m²
 ϕ WATER VOLUME: 17.21 ML AREA:5790m²
 ϕ WATER VOLUME: 0.84 ML AREA:1573m²
 ϕ WATER VOLUME: 5.50 ML AREA:1809m²
 ϕ WATER VOLUME: 3.09 ML AREA:1971m²
 ϕ WATER VOLUME: 3.64 ML AREA:3832m²
 ϕ WATER VOLUME: 5.41 ML AREA:1783m²
 ϕ WATER VOLUME FROM BASE TO TOP OF THIS AREA

Scientific Name	Common Name	Life Form	Size (h x w)	Water depth (m) below normal water level	Wetland type	Planting Density (plants/m ²)
Freshwater Meadow <i>Cyperus quercinus</i> <i>Lepidosperma conterminata</i> <i>Lythrum salicaria</i>	Prickly gullwort bush Prickly reed tree Purple loosestrife	medium shrub medium shrub large herb	2-4 x 1-15 1-4 x 1-2 1-2 x 1	0 - 0.3 0 - 0.3 0 - 0.5	freshwater meadow freshwater meadow shallow freshwater marsh	3 3 3
<i>Persicaria pratensis</i> <i>Hydrocotyle pterocarpa</i> <i>Stellaria angustifolia</i> <i>Crassula helmsii</i> <i>Juncus procerus</i>	Spotted knotweed Ming Pennywort Swamp Starwort Angled lobelia Swamp Crassula Tall Rush	Large herb medium herb medium herb small herb large tufted graminoid	Large herb medium herb medium herb small herb 1-2 x 0.6-1.5	0 - 0.3 0 - 0.3 0 - 0.3 0 - 0.3 0 - 0.5	freshwater meadow freshwater meadow freshwater meadow freshwater meadow shallow freshwater marsh	3 3 2 2 6
<i>Poa labillardierei</i> <i>Gahnia radula</i> <i>Juncus procerus</i> <i>Juncus prefflorus</i> <i>Burchum cartilagineum</i> <i>Calyptegia sepium</i>	Common Tussock Grass Thatch Saw Sedge Green Rush Large Bulrush Large Bulrush	Large tufted graminoid Large tufted graminoid medium tufted graminoid ground fern scrubland	1-2 x 0.5 - 2 1-2 x 0.5 - 2 0.5 - 1.5 x 0.6 - 1.5 0.5 - 1.5 x 1 1.0 - 4.0	0 - 0.3 0 - 0.3 0.5 - 1.4 0.5 - 1.5 x 1 0 - 0.2	freshwater meadow freshwater meadow freshwater meadow freshwater meadow freshwater meadow	7 5 9 3 3
Crassula <i>Crassula helmsii</i>	Swamp Crassula	small herb	0.1-0.3	0 - 0.3	freshwater meadow	6
Baumea <i>Baumea rubiginosa</i>	Soft Twig Rush	large tufted graminoid	0.3 - 1	0.2 - 0.5	freshwater meadow, shallow freshwater marsh	7
Triglochin <i>Triglochin procerum</i>	Water Ribbons	medium tufted graminoid	0.2 - 0.5	0.2 - 0.5	shallow freshwater marsh, deep freshwater marsh	4
Triglochin & Crassula <i>Triglochin procerum</i>	Water Ribbons	medium tufted graminoid	0.2 - 0.5	0.2 - 0.5	shallow freshwater marsh, deep freshwater marsh	4
<i>Crassula helmsii</i>	Swamp Crassula	small herb	0.1-0.3	0 - 0.3	freshwater meadow	6
<i>Poa and Gahnia</i> <i>Poa labillardierei</i> <i>Gahnia radula</i>	Common Tussock Grass Thatch Saw Sedge	Large tufted graminoid Large tufted graminoid	0.3 - 0.8 1-2 x 0.5 - 2	0 - 0.3 0 - 0.3	freshwater meadow freshwater meadow	7 5
<i>Eleocharis acuta</i>	Common sedge spike	medium tufted graminoid	0.3 - 0.9	0 - 0.7	shallow freshwater marsh, freshwater meadow	8

FOR CONSTRUCTION



REV	DESCRIPTION	DATE	CLIENT
1	RE-ISSUED FOR CONSTRUCTION	26.02.10	
0	ISSUED FOR CONSTRUCTION	21.01.10	

NAME	SIGNATURE
P. WILKS	
R. MISSING	
J. SMITH	
A. LIBBY	

Kellogg Brown & Root Pty Ltd

KBR

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ABN 91 007 660 317

DRAWING SCALE: A1 MEG801

TITLE: MEENYAN SEWAGE TREATMENT PLANT
SITE VEGETATION WORKS
WETLAND VEGETATION PLAN 1 OF 2

DRAWING No: SMETC0029

REVISION: 1