

PART XX

EXAMPLE MAINTENANCE SCHEUDLE AND PLAN

(bottom of document)

PART XX- Name and Asset

[insert ADDRESS OF WATERWAY, WETLAND AND/OR RETARDING BASIN here]

SCHEDULE 1 (Part XX)

1. COMMENCEMENT DATE

- (a) Council's Commencement Date: The date as shown on Council's letter of "Final Completion", and included as part of Schedule 1, to be affixed at a date following Council's issue of the said letter.
- (b) Melbourne Water's Commencement Date: The date of Melbourne Water's "Certificate of Completion" for Civil and Planting works respectively, and included as part of Schedule 1, to be affixed at a date following Melbourne Water's issue of said letter.

2. DEVELOPER

3. DESCRIPTION OF THE LAND

4. OWNER OF THE LAND

- (a) Council's Land:
- (b) Melbourne Water's Land:

5. SPECIAL CONDITIONS

- (a) Council's Special Conditions [insert specific obligations (if any) for the particular wetland / retarding basin which are not covered or adequately dealt with by the standard Document]:
- (b) Melbourne Water's Special Conditions [insert specific obligations (if any) for the particular wetland / retarding basin which are not covered or adequately dealt with by the standard Document]:

6. AUTHORITY

Melbourne Water and Council agree that the responsibility for the maintenance of the asset described on the cover page to this Part is to be performed in accordance with the Document, and this Part is hereby incorporated into the Document in accordance with clause 2(b) as evidenced by the execution of this authority by Melbourne Water and Council as dated hereunder and the parties agree that the Document is amended accordingly, with effect from the Commencement Date.

EXECUTED as an agreement.

**Signed for and on behalf of
MELBOURNE WATER CORPORATION,**
by its duly authorised officer, in the
presence of:

/ /

/ /

Signature of Manager, Construction
Assessment and Delivery

Signature of Witness

Name

Name

Signed for and on behalf of -----, by its duly authorised officer, in the presence
of:

/ /

/ /

Signature of Authorised Officer

Signature of Witness

Name

Name

SCHEDULE 2 (Part XX) - COUNCIL'S MAINTENANCE WORKS

Code	Description	Assets	Maintenance Works	Frequency of Maintenance Works
DS	Drainage structures	Drainage structures including pits, inlets, outlets, spillways, weirs etc	Structural assessment, repair and replacement	As required, per Councils levels of service
			Removal of litter, debris and sediment	As required, per Councils levels of service
DP	Drainage pipes	Drainage pipes (headwalls and end walls are considered to be part of the culvert/pipe they are attached to)	Hydraulic and structural maintenance	As required, per Councils levels of service
F	Footpaths	Footpaths	Assessment, replacement and repair.	As required, per Councils levels of service
			Cleaning and graffiti removal	As required, per Councils levels of service
G	Access points – Gates/ removable bollards	Gates and removable bollards (excluding gates with MW lock on water's edge)	Assessment, replacement and repair.	As required, per Councils levels of service
M	Maintenance track	Concrete and gravel paths providing maintenance access.	Ensure track is clear of woody weeds, other vegetation and community infrastructure.	As required, per Councils levels of service
			Monitor surface conditions, assess and remedy any risks to public health.	As required, per Councils levels of service
OS1	Open space area type 1 – Grass and tree	Advanced tree planting in grass areas. Established and developing trees. General grassed/lawn areas	Mowing	As required, per Councils levels of service
			Vegetation maintenance	As required, per Councils levels of service
			Removal of litter	As required, per Councils levels of service
P1	Planting area type 1 – Terrestrial and riparian planting	Advanced tree and tube stock planting in terrestrial environments, riparian zones or wetland batters.	Vegetation maintenance	As required, per Councils levels of service
			Removal of litter	As required, per Councils levels of service
PF	Park furniture	Seats, benches, bins, drinking fountains, public art, aeration fountains etc	Assessment, replacement and repair.	As required, per Councils levels of service
SD	Sediment drying area	Area retained for desilting operations	Ensure area is kept clear of weeds, riparian vegetation and community infrastructure.	As required, per Councils levels of service
			Mowing	As required, per Councils levels of service
SF	Safety fence/barrier - fall	Safety fences protecting fall risks around CNL	Assessment, replacement and repair.	As required, per Councils levels of service

	from height protection	drainage structures and pipes		
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SCHEDULE 3 (Part XX)- MELBOURNE WATER'S MAINTENANCE WORKS

Code	Description	Assets	Maintenance Works	Frequency of Maintenance Works
BC	Bypass channel	A constructed channel that has been designed as a bypass	Vegetation maintenance	As required, per Melbourne Waters levels of service
			Removal of litter	As required, per Melbourne Waters levels of service
			Erosion maintenance and rockwork maintenance	As required, per Melbourne Waters levels of service
DS	Drainage Structure	Drainage structures including pits, inlets, outlets , spillways, weirs etc	Removal of litter, debris and sediment	As required, per Melbourne Waters levels of service
			Structural assessment, repair and replacement	As required, per Melbourne Waters levels of service
DP	Drainage Pipes	Drainage pipes (headwalls and end walls are considered to be part of the culvert/pipe they are attached to)	Hydraulic and structural maintenance	As required, per Melbourne Waters levels of service
PE	Wetland ephemeral planting	Ephemeral vegetation around a wetland between Extended Detention Depth (EDD) and the Normal Water Level (NWL).	Vegetation maintenance	As required, per Melbourne Waters levels of service
			Removal of litter	As required, per Melbourne Waters levels of service
R	Rockwork	Rockwork that serves a drainage function, e.g. rock chutes, rock beaching. MW maintains rock chutes attached to MW drainage leading into waterways and all rock chutes leading into stormwater treatment wetland waterbodies.	Assessment, repair and replacement	As required, per Melbourne Waters levels of service
			Removal of litter, debris and sediment	As required, per Melbourne Waters levels of service
SF	Safety fence/barrier - fall from height protection	Safety fences protecting fall risks around MW drainage structures and pipes	Assessment, replacement and repair.	As required, per Melbourne Waters levels of service
SP	Sediment pond	Sedimentation pond with associated piping and rock beaching	Assessment of sediment accumulation.	As required, per Melbourne Waters levels of service
			Removal of settleable materials	As required, per Melbourne Waters levels of service
			Erosion maintenance and rockwork maintenance.	As required, per Melbourne Waters levels of service
W1	Wetland system and aquatic planting	Deep marsh, submerged marsh and shallow marsh. Edge treatment, macrophyte and aquatic plants	Vegetation maintenance	As required, per Melbourne Waters levels of service
			Removal of litter	As required, per Melbourne Waters levels of service
			Nuisance management (including exotic fish, algae, etc).	As required, per Melbourne Waters levels of service
W2	Wetland open water	Open water bodies generally 1.2m to 1.5m maximum depth	Erosion and sediment maintenance	As required, per Melbourne Waters levels of service
			Removal of litter	As required, per Melbourne Waters levels of service

W3	Waterbody other	Other waterbodies that maintain hydraulic performance and serve a drainage function (grade control pools, hydraulic pools etc).	Erosion and sediment maintenance	As required, per Melbourne Waters levels of service
			Vegetation maintenance	As required, per Melbourne Waters levels of service
			Removal of litter	As required, per Melbourne Waters levels of service

SCHEDULE 4 (Part XX)– INSURANCE

Item 1 Amount Insured under Public Liability Insurance Policy

\$20,000,000 per claim.

Item 2 Period of Public Liability Insurance Policy

6 years from the termination of this Document in accordance with clause 10.

Item 3 Amount insured under Industrial Special Risks Policy

\$20,000,000 per annum.

Item 4 Period of Industrial Special Risks Policy

For the life of the Document

SCHEDULE 5 (Part XX)– AUTHORITY TO REMOVE

Melbourne Water and Council agree that with effect from the date hereunder, the Document will cease to apply to the maintenance of the asset described on the cover page to this Part as evidenced by the execution of this authority by Melbourne Water and Council, and the parties agree that the Document is amended accordingly.

EXECUTED as an agreement.

Signed for and on behalf of
MELBOURNE WATER CORPORATION,
by its duly authorised officer, in the
presence of:

/ /

/ /

Signature of Manager, Construction
Assessment and Delivery

Signature of Witness

Name

Name

Signed for and on behalf of -----,
by its duly authorised officer, in the
presence of:

/ /

/ /

Signature

Signature of Witness

Name

Name

ANNEXURE A (Part XX)- MAINTENANCE PLAN

Refer to drawing Number(s):

- XX

ANNEXURE B (Part XX) - PRIORITY WEED SPECIES LIST

The purpose of this information is to provide an indicative list of problem weed species.

This list is not definitive and additional species may be required to be controlled depending on their impact.

State controlled and state prohibited weeds are not included however any contractor suspecting that these species are present must inform Melbourne Water and DPI to ensure appropriate control is undertaken.

PRIMARY CONTROL USUALLY FOR SITE PREPARATION		SECONDARY CONTROL USUALLY FOR MAINTENANCE	
<i>Agrostis capillaris s.l.</i>	Brown-top Bent	<i>Allium triquetrum</i>	Three-corner Garlic
<i>Anthoxanthum spp.</i>	Vernal Grass	<i>Arctotheca calendula</i>	Cape Weed
<i>Crocasmia X crocosmiiflora</i>	Montbretia	<i>Aster spp.</i>	Aster
<i>Cynodon dactylon var. dactylon</i>	Couch	<i>Avena spp.</i>	Oat
<i>Cyperus eragrostis</i>	Drain Flat-sedge	<i>Brassica spp.</i>	Turnip
<i>Dactylis glomerata</i>	Cocksfoot	<i>Briza spp.</i>	Quaking Grass
DOCK	Any genus eg Acetosa, Rumex etc.	<i>Bromus spp.</i>	Bromus
<i>Echium plantagineum</i>	Paterson's Curse	<i>Chenopodium spp.</i>	Fat Hen
<i>Echinochloa spp.</i>	Barnyard Grass	<i>Conyza spp.</i>	Fleabane
<i>Ehrharta spp.</i>	Veldt Grass	<i>Echium spp.</i>	Bugloss
<i>Galenia pubescens var. pubescens</i>	Galenia	<i>Erodium spp.</i>	Eg Common Herons Bill
<i>Genista spp.</i>	Broom	<i>Fumaria spp.</i>	Fumitory
<i>Glyceria spp.</i>	Eg Reed Sweet Grass	<i>Galium aparine</i>	Cleavers
<i>Holcus spp.</i>	Fog Grass	<i>Lactuca spp.</i>	Lettuce
<i>Hordeum spp.</i>	Barley Grass	<i>Lolium spp.</i>	Rye Grass
<i>Juncus spp.</i>	Eg Jointed Rush	<i>Lotus spp. (naturalised)</i>	Trefoil
<i>Leersia oryzoides</i>	Rice Cut-grass	<i>Medicago spp.</i>	Medic
<i>Myriophyllum aquaticum</i>	Parrot's Feather	<i>Ornithopus spp.</i>	Bird's Foot
<i>Nassella spp.</i>	Eg Serrated Tussock, Chilean Nettle Grass etc	<i>Sisymbrium spp.</i>	Mustard
<i>Nasturtium spp.</i>	Watercress	<i>Solanum spp.</i>	Eg Black Nightshade
<i>Oxalis spp. (naturalised)</i>	Wood Sorrel	<i>Sonchus sp</i>	Eg Common Sow Thistle
<i>Paspalum spp.</i>	Eg Water Couch, Paspalum	Taraxacum species group 1	Garden Dandelion
<i>Pennisetum spp.</i>	Eg Kikuyu	THISTLES	Any genus eg. Cirsium, Helminthotheca, Cynara
<i>Phalaris spp.</i>	Canary Grass	<i>Trifolium spp.</i>	Clover
<i>Phytolacca octandra</i>	Red-ink Weed	NB Species have designated into PRIMARY and SECONDARY as an indication of when control efforts are most likely to be required however individual sites may respond differently depending on management and external factors. Species may be present in one or both phases and control will be required at the discretion of Melbourne Water.	
<i>Plantago spp.</i>	Eg Ribwort		
<i>Polygonum aviculare s.l.</i>	Prostrate Knotweed		
<i>Polypogon spp.</i>	Beard Grass		
<i>Ranunculus spp.</i>	Eg Creeping Buttercup		
<i>Romulea spp.</i>	Onion Grass		
<i>Rubus fruticosus spp. agg.</i>	Blackberry		
<i>Sagittaria spp.</i>	Sagittaria		
<i>Sparaxis spp.</i>	Harlequin Flower		

THISTLES	Any genus eg. <i>Cirsium</i> , <i>Helminthotheca</i> , <i>Cynara</i>
<i>Typha spp.</i>	Eg Lesser Reed Mace
<i>Vinca spp.</i>	Periwinkle
<i>Watsonia spp.</i>	Watsonia
<i>Xanthium spp.</i>	Eg Bathurst Burr

