

This template should be refined to be site specific for each concept design submitted to Melbourne Water as part of the Design Acceptance Process for Constructed Wetlands.

Address:

Melways Ref:

Project title & job description:

Developer:

Consultant:

Date:

MUSIC modelling rainfall station (include name and number):

MUSIC modelling time step:

Information required					Results / Outcome	
1. Site Characteristics						
Area suitable for wetland footprint					_____ ha	
2. Catchment Characteristics						
Subcatchment	AREA (ha)					Overall % imperviousness
	Residential	Commercial	Industrial	Other	Total	
A						
B						
C						
D						
3. Estimate design flow rates						
Time of concentration					_____ mins	
Peak design flows						

- Station used for IFD data _____

Q3 month _____ m³/s

- If located within a floodplain

Q100 year _____ m³/s

4. Wetland characteristics and performance

All deemed to comply criteria met? _____

Is a GPT proposed? _____

Sediment pond area @ NWL _____ m³

Number of sediment ponds _____

Design flow for high flow bypass _____ yrs

Total surface area of wetland including batters _____ m²

Macrophyte zone area @ NWL _____ m²

Extended detention depth _____ m

Notional detention time for macrophyte zone _____ hrs

MUSIC results:				
Parameter	In	Out	Removed	% Reduction
Flow (ML/yr)				
Total Suspended Solids (kg/yr)				
Total Phosphorous (kg/yr)				
Total Nitrogen (kg/yr)				
Gross Pollutants (kg/yr)				