

SUMMARY OF POND DESIGN	
<i>Pond Name</i>	
<i>Pond Location</i>	
CALCULATION DESCRIPTION	ANSWER (Including units)
General	
Pond Type (Quality or Detention)	
Contributing Catchment Area	
Contributing Pervious Area	
Contributing Impervious Area	
Pond Size Calculations	
Average Pond Depth d_A at normal water level	
Stormwater Quality Design Storm S_D	
Run-off Volume from impervious areas, V_{imp}	
Run-off Volume from pervious areas, V_{perv}	
Water Quality Volume, V_d	
Actual Total Pond Volume	
Pond Efficiency (Quality only)	
Forebay Depth d_A	
Stormwater Quality Design Storm S_D (Forebay)	
Water Quality Volume, V_d (for Forebay)	
5% V_d for Forebay	
Actual Forebay Volume	
Velocity through Forebay for 20% AEP	
Outlet Type:	
Weir Outlets	
Service outlet weir dimensions	
Emergency outlet weir dimensions	
Manhole Outlets	
Primary outlet diameter	
Extended detention device diameter	
Emergency outlet weir dimensions	
Emptying time for water quality volume	
Maintenance	
Estimated Catchment sediment yield	
Forebay clean-out frequency	
Main Pond clean-out frequency	
.....	
.....	

Notes:

1. Symbols as given in TP10

Signed:

Position:

(This table is for layout guidance only and should be site specific for each pond).

MAINTENANCE FREQUENCY SCHEDULE:				
<i>Pond Name and Type</i>				
<i>Pond Location</i>				
Item	Monthly	3 – Monthly	Annually	Following storm
Litter				
Structural Inspection				
Inlets				
Outlets				
Planting				
Pest Control				
Sediment Accumulation – Forebay (Inspection and estimated cleaning frequency)				
Sediment Accumulation – Main Pond (Inspection and estimated cleaning frequency)				
Fencing				
Mowing				
Weed Control				
.....				
.....				

Tick relevant boxes detailing frequency of maintenance checks.

Schedule to be accompanied by details of proposed maintenance methods.

Separate tables to be completed for during and after construction maintenance period.

Signed:

Position:

(This table is for layout guidance only and should be site specific for each pond).

MAINTENANCE LOG FOR:

Pond Name and Type

Pond Location

Date of Inspection:

Inspection type (*eg routine 3-monthly*)

ITEM	COMMENT	WORKS UNDERTAKEN
Structural		
Planting		
Pest Control (including methods used)		
Inlets		
Outlets		
Litter		
Sediment Accumulation – Forebay		
Sediment Accumulation – Main Pond		
Pipework		
Mowing		
Weed Control (including details of chemical sprays used)		
.....		
.....		

Tick all items that are satisfactory. Otherwise, comment as required.

Sub-Contractors used:

Signed:

Position: