
APPENDIX B2
PROPOSED CONDITIONS – NO MEASURES

Summary - Developed Conditions - No Treatment (Sector 8)			
Study Duration (years)	4		
Rainfall			
- Rainfall Depth	1462.75 mm	Infiltration System (Inf Sys)	
Rainfall Volumes		- Flow from Rainwater Tanks	0
- Impervious Area to Rainwater Tanks	0 m ³	- Flow from Impervious Area (no tank)	0
- Impervious Area not to Rainwater Tanks	52440 m ³	- Flow From Pervious Irrigated Area	0
- Pervious Area to be Irrigated	0 m ³	- Flow From Pervious (non-Irrigated) Area	0
- Pervious Area not to be Irrigated	52440 m ³	- Flow from Forested Area	0
- Forested Area	0 m ³	- Direct Rainfall	0
- Infiltration Area	0 m ³	- Total Flow to Inf Area	0
- Wetland Area	0	- Overflow to Wetland	0
- Total Area	104879 m ³	- Evaporation	0
		- Infiltration	0
		- Change in Storage (averaged)	0
Rainwater Tanks Hydrology		Balance	0
- Flow to Tanks	0 m ³		
- Domestic Water Required	0 m ³	Wetland System	
- Reuse Demand (including irrigation)	0 m ³	- Flow Bypassing Infiltration Area	55214
- Spillage to Infiltration Area	0 m ³	- Flow from Infiltration Area	0
- Spillage to Outlet	0 m ³	- Direct Rainfall	0
- Change in Storage	0 m ³	- Evaporation	-55214
Balance	0 m ³	- Overflow to Outlet	55214
No of times Domestic Water Required	0	- Change in Storage (averaged)	0
Runoff Coefficient into Tank	#DIV/0!	Balance	0
Runoff Coefficient from Tank	#DIV/0!		
Irrigated Area Hydrology		Total Outflow	
- Net Flow to Irrigation Area	0 m ³	- Spillage from Wetland	55214
- Irrigation	0 m ³		
- Infiltration	0 m ³	Total Site Runoff Coefficient	0.53
- Spillage to Infiltration Area	0 m ³		
- Spillage to Outlet	0 m ³		
- Change in Storage	0 m ³		
Balance	0		
No of times Irrigation Required	0		
Runoff Coefficient	#DIV/0!		
Impervious Area not to Tank Hydrology			
- Net Flow from Impervious Area	46302 m ³		
- Spillage to Infiltration Area	0 m ³		
- Spillage to Outlet	46302 m ³		
Balance	0		
Runoff Coefficient	0.88		
Forested Area Hydrology			
- Net Flow to Forested Area	0 m ³		
- Infiltration	0 m ³		
- Spillage to Infiltration Area	0 m ³		
- Spillage to Outlet	0 m ³		
- Change in Storage	0 m ³		
Balance	0		
Runoff Coefficient	#DIV/0!		
Pervious (non-Irrigated) Area Hydrology			
- Net Flow to Pervious Area	22697 m ³		
- Infiltration	14412 m ³		
- Spillage to Infiltration Area	0 m ³		
- Spillage to Outlet	8912 m ³		
- Change in Storage	-627 m ³		
Balance	0		
Runoff Coefficient	0.17		

Data - Developed Conditions - No Treatment (Sector 8)				
		Area (m2)	To Inf (%)	
1.0 General Catchment Data				
1.1	- Impervious Area to Rainwater Tanks	0	0%	
1.2	- Impervious Area not to Rainwater Tanks	35850	0%	
1.3	- Pervious Area to be Irrigated	0	0%	
1.4	- Pervious Area not to be Irrigated	35850	0%	
1.5	- Forested Area	0	0%	
1.6	- Infiltration system (inf)	0	-	
1.7	- wetland (assumes all site drains to wetland)	0	-	
1.8	- Total Area	71700	0%	
2.0 Interception				
2.1	- Proportion of Irrigated Pervious Area as Canopy	0%		
2.2	- Proportion of No Irrigated Pervious Area as Canopy	25%		
2.3	- Proportion of Forested Area as Canopy	25%		
2.4	- Maximum Canopy Storage	1.5	mm	
3.0 Depression Storage				
3.1	- Impervious Depression Storage	1.5	mm	
3.2	- Pervious Depression Storage	0.5	mm	
3.3	- Forested Depression Storage	1	mm	
4.0 Forest Soil Moisture Storage				
4.1	- Maximum Storage	80	mm	
4.2	- Initial Moisture Storage	70	mm	
4.3	- Storage Before Infiltration Occurs	60	mm	
4.4	- Deep Infiltration Rate	24	mm/day	
5.0 Pervious Soil Moisture Storage				
5.1	- Maximum Storage	80	mm	
5.2	- Initial Moisture Storage	70	mm	
5.3	- Storage Before Infiltration Occurs	60	mm	
5.4	- Deep Infiltration Rate	24	mm/day	
5.5	- Storage Before Watering	5	mm	
5.6	- Water Until Storage Reaches...	8	mm	
6.0 Infiltration System				
6.1	- Volume of Infiltration Storage	0	m ³	
6.2	- Initial Storage	0	m ³	
6.3	- Infiltration Rate	0	mm/day	
7.0 Wetland Storage				
7.1	- Volume to Macrophyte Bed Depth	0	m ³	
7.2	- Volume of Deep Zone	0	m ³	
7.3	- Maximum Storage	0	m ³	
7.4	- Initial Storage	0	m ³	
7.5	- Total Surface Area	0	m ²	
7.6	- Surface Area of Deep Zone	0	m ²	
8.0 Rainwater Tank and Internal Reuse				
8.1	- Maximum Rainwater Tank Volume	0	m ³	
8.2	- Initial Rainwater Tank Volume	0	m ³	
8.3	- Number of Equivalent Tenements with Toilet Use	0	ET	
8.4	- Estimated Daily Demand per ET	0	L	
9.0 Average Aerial Evapotranspiration (daily)				
		Pervious	Forest	Water
9.1	January	5.65	5.65	5.65
9.2	February	4.82	4.82	4.82
9.3	March	4.03	4.03	4.03
9.4	April	2.83	2.83	3.3
9.5	May	1.94	1.94	2.72
9.6	June	1.45	1.45	2.26
9.7	July	1.45	1.45	2.54
9.8	August	2	2	3.11
9.9	September	2.9	2.9	3.69
9.10	October	4.19	4.19	4.51
9.11	November	5	5	5
9.12	December	5.32	5.32	5.32