

Data - Developed With Treatment - Sector 3					
		Area (m²)	To Inf (%)		
1.0 General Catchment Data					
1.1	- Impervious Area to Rainwater Tanks	16200	100%		
1.2	- Impervious Area not to Rainwater Tanks	14150	100%		
1.3	- Pervious Area to be Irrigated	9105	100%		
1.4	- Pervious Area not to be Irrigated	10495	100%		
1.5	- Forested Area	9250	0%		
1.6	- Infiltration system (inf)	1500	-		
1.7	- wetland (assumes all site drains to wetland)	0	-		
1.8	- Total Area	60700	85%		
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	17	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	17	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	630	m ³		
6.2	- Initial Storage	315	m ³		
6.3	- Infiltration Rate	17	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	260	m ³		
8.2	- Initial Rainwater Tank Volume	130	m ³		
8.3	- Number of Equivalent Tenements with Toilet Use	130	ET		
8.4	- Estimated Daily Demand per ET	79	L		
9.0 Average Aerial Evapotranspiration (daily)					
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	
8.10	October	4.19	4.19	4.51	
8.11	November	5	5	5	
8.12	December	5.32	5.32	5.32	

Summary - Developed With Treatment - Sector 3			
Study Duration (years)	1		
Rainfall			Infiltration System (Inf Sys)
- Rainfall Depth	5851.00 mm		- Flow from Rainwater Tanks
Rainfall Volumes			- Flow from Impervious Area (<i>no tank</i>)
- Impervious Area to Rainwater Tanks	94786 m ³		- Flow From Pervious Irrigated Area
- Impervious Area not to Rainwater Tanks	82792 m ³		- Flow From Pervious (<i>non-Irrigated</i>) Area
- Pervious Area to be Irrigated	53273 m ³		- Flow from Forested Area
- Pervious Area not to be Irrigated	61406 m ³		- Direct Rainfall
- Forested Area	54122 m ³		
- Infiltration Area	8777 m ³		- Total Flow to Inf Area
- Wetland Area	0		- Overflow to Wetland
- Total Area	355156 m ³		- Evaporation
			- Infiltration
Rainwater Tanks Hydrology			- Change in Storage (averaged)
- Flow to Tanks	83692 m ³		Balance
- Domestic Water Required	11655 m ³		
- Reuse Demand (<i>including irrigation</i>)	30281 m ³		Wetland System
- Spillage to Infiltration Area	65197 m ³		- Flow Bypassing Infiltration Area
- Spillage to Outlet	0 m ³		- Flow from Infiltration Area
- Change in Storage	-130 m ³		- Direct Rainfall
Balance	0 m ³		- Evaporation
No of times Domestic Water Required	300		- Overflow to Outlet
Runoff Coefficient into Tank	0.88		- Change in Storage (averaged)
Runoff Coefficient from Tank	0.69		Balance
Irrigated Area Hydrology			Total Outflow
- Net Flow to Irrigation Area	9148 m ³		- Spillage from Wetland
- Irrigation	15277 m ³		
- Infiltration	14705 m ³		
- Spillage to Infiltration Area	10285 m ³		Total Site Runoff Coefficient
- Spillage to Outlet	0 m ³		
- Change in Storage	-565 m ³		
Balance	0		
No of times Irrigation Required	344		
Runoff Coefficient	0.19		
Impervious Area not to Tank Hydrology			
- Net Flow from Impervious Area	73102 m ³		
- Spillage to Infiltration Area	73102 m ³		
- Spillage to Outlet	0 m ³		
Balance	0		
Runoff Coefficient	0.88		
Forested Area Hydrology			
- Net Flow to Forested Area	22562 m ³		
- Infiltration	13681 m ³		
- Spillage to Infiltration Area	0 m ³		
- Spillage to Outlet	9529 m ³		
- Change in Storage	-648 m ³		
Balance	0		
Runoff Coefficient	0.18		
Pervious (<i>non-irrigated</i>) Area Hydrology			
- Net Flow to Pervious Area	26641 m ³		
- Infiltration	16593 m ³		
- Spillage to Infiltration Area	10783 m ³		
- Spillage to Outlet	0 m ³		
- Change in Storage	-735 m ³		
Balance	0		
Runoff Coefficient	0.18		