		Area	To 155 (0/)	
1.0	General Catchment Data	(m2)	To Inf (%)	1
	- Impervious Area to Rainwater Tanks	0	0%	
	- Impervious Area not to Rainwater Tanks	21245	0%	
	- Pervious Area to be Irrigated	19727.5 19727.5	<u> 0% </u> 0%	
	- Pervious Area not to be Irrigated - Forested Area	19727.5	0%	L
	- Infiltration system (inf)	0		
1.7	- wetland (assumes all site drains to wetland)	0	_	
	- Total Area	60700	0%	
2.0	Intercontion			
	Interception - Proportion of Irrigated Pervious Area as Canopy	0%		
	- Proportion of No Irrigated Pervious Area as Canopy	0%		
	- Proportion of Forested Area as Canopy	0%		
	- Maximum Canopy Storage	1.5	mm	
20	Depression Storage			
	- Impervious Depression Storage	15	mm	
	- Pervious Depression Storage		mm	
	- Forested Depression Storage		mm	
	Forest Soil Moisture Storage			
	- Maximum Storage		mm mm	
	Initial Moisture Storage Storage Before Infiltration Occurs		mm mm	
	- Deep Infiltration Rate		mm/day	
		17	minudy	
	Pervious Soil Moisture Storage			
	- Maximum Storage		mm	
	Initial Moisture Storage Storage Before Infiltration Occurs		mm mm	
	- Deep Infiltration Rate		mm/day	
	- Storage Before Watering		mm	<u> </u>
	- Water Until Storage Reaches	8	mm	
6.0	Infiltration System			
	- Volume of Infiltration Storage	0	m ³	
	- Initial Storage	0	m ³	
6.2				
	- Infiltration Rate	-	mm/day	
6.3		-	mm/day	
6.3 7.0	Wetland Storage	0		
6.3 7.0 7.1	Wetland Storage - Volume to Macrophyte Bed Depth	0	m ³	
6.3 7.0 7.1 7.2	Wetland Storage - Volume to Macrophyte Bed Depth - Volume of Deep Zone	0	m ³ m ³	
6.3 7.0 7.1 7.2 7.3	Wetland Storage - Volume to Macrophyte Bed Depth - Volume of Deep Zone - Maximum Storage	0 0 0 0 0	m ³ m ³ m ³	
6.3 7.0 7.1 7.2 7.3 7.4	Wetland Storage - Volume to Macrophyte Bed Depth - Volume of Deep Zone - Maximum Storage - Initial Storage	0 0 0 0 0 0	m ³ m ³ m ³ m ³	
6.3 7.0 7.1 7.2 7.3 7.4 7.5	Wetland Storage - Volume to Macrophyte Bed Depth - Volume of Deep Zone - Maximum Storage - Initial Storage - Total Surface Area	0 0 0 0 0	m ³ m ³ m ³ m ³ m ²	
6.3 7.0 7.1 7.2 7.3 7.4 7.5 7.6	Wetland Storage - Volume to Macrophyte Bed Depth - Volume of Deep Zone - Maximum Storage - Initial Storage - Total Surface Area - Surface Area of Deep Zone	0 0 0 0 0 0 0 0	m ³ m ³ m ³ m ³ m ²	
6.3 7.0 7.1 7.2 7.3 7.4 7.5 7.6 8.0	Wetland Storage - Volume to Macrophyte Bed Depth - Volume of Deep Zone - Maximum Storage - Initial Storage - Total Surface Area - Surface Area of Deep Zone Rainwater Tank and Internal Reuse	0 0 0 0 0 0 0 0	m ³ m ³ m ³ m ³ m ² m ²	
6.3 7.0 7.1 7.2 7.3 7.4 7.5 7.6 8.0 8.1	Wetland Storage - Volume to Macrophyte Bed Depth - Volume of Deep Zone - Maximum Storage - Initial Storage - Total Surface Area - Surface Area of Deep Zone Rainwater Tank and Internal Reuse - Maximum Rainwater Tank Volume	0 0 0 0 0 0 0 0	m ³ m ³ m ³ m ² m ² m ²	
6.3 7.0 7.1 7.2 7.3 7.4 7.5 7.6 8.0 8.1 8.2	Wetland Storage - Volume to Macrophyte Bed Depth - Volume of Deep Zone - Maximum Storage - Initial Storage - Total Surface Area - Surface Area of Deep Zone Rainwater Tank and Internal Reuse - Maximum Rainwater Tank Volume		m ³ m ³ m ³ m ² m ² m ² m ²	
6.3 7.0 7.1 7.2 7.3 7.4 7.5 7.6 8.0 8.1 8.2 8.3	Wetland Storage - Volume to Macrophyte Bed Depth - Volume of Deep Zone - Maximum Storage - Initial Storage - Total Surface Area - Surface Area of Deep Zone Rainwater Tank and Internal Reuse - Maximum Rainwater Tank Volume	0 0 0 0 0 0 0 0	m ³ m ³ m ³ m ² m ² m ² m ² m ³ m ³	
6.3 7.0 7.1 7.2 7.3 7.4 7.5 7.6 8.0 8.1 8.2 8.3 8.4	Wetland Storage - Volume to Macrophyte Bed Depth - Volume of Deep Zone - Maximum Storage - Initial Storage - Total Surface Area - Surface Area of Deep Zone Rainwater Tank and Internal Reuse - Maximum Rainwater Tank Volume - Initial Rainwater Tank Volume - Number of Equivalent Tenements with Toilet Use - Estimated Daily Demand per ET		m ³ m ³ m ³ m ² m ² m ² m ² ET	
6.3 7.0 7.1 7.2 7.3 7.4 7.5 7.6 8.0 8.1 8.2 8.3 8.4 9.0	Wetland Storage - Volume to Macrophyte Bed Depth - Volume of Deep Zone - Maximum Storage - Initial Storage - Total Surface Area - Surface Area of Deep Zone Rainwater Tank and Internal Reuse - Maximum Rainwater Tank Volume - Initial Rainwater Tank Volume - Surface Area of Deep Zone	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	m ³ m ³ m ³ m ² m ² m ² ET L Forest	Wat
6.3 7.0 7.1 7.2 7.3 7.4 7.5 7.6 8.0 8.1 8.2 8.3 8.4 9.0 9.1	Wetland Storage - Volume to Macrophyte Bed Depth - Volume of Deep Zone - Maximum Storage - Initial Storage - Total Surface Area - Surface Area of Deep Zone Rainwater Tank and Internal Reuse - Maximum Rainwater Tank Volume - Initial Rainwater Tank Volume - Surface Area of Deep Zone	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	m ³ m ³ m ³ m ² m ² m ² ET L Forest 5.65	5.6
6.3 7.0 7.1 7.2 7.3 7.4 7.5 7.6 8.0 8.1 8.2 8.3 8.4 9.0 9.1 9.2	Wetland Storage - Volume to Macrophyte Bed Depth - Volume of Deep Zone - Maximum Storage - Initial Storage - Initial Storage - Total Surface Area - Surface Area of Deep Zone Rainwater Tank and Internal Reuse - Maximum Rainwater Tank Volume - Initial Rainwater Tank Volume - Number of Equivalent Tenements with Toilet Use - Estimated Daily Demand per ET Average Aerial Evapotranspiration (daily)	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	m ³ m ³ m ³ m ² m ² m ² ET L Forest	
6.3 7.0 7.1 7.2 7.3 7.4 7.5 7.6 8.0 8.1 8.2 8.3 8.4 9.0 9.1 9.2 9.3	Wetland Storage - Volume to Macrophyte Bed Depth - Volume of Deep Zone - Maximum Storage - Initial Storage - Total Surface Area - Surface Area of Deep Zone Rainwater Tank and Internal Reuse - Maximum Rainwater Tank Volume - Initial Rainwater Tank Volume - Surface Area of Deep Zone Rainwater Tank and Internal Reuse - Maximum Rainwater Tank Volume - Initial Rainwater Tank Volume - Sumber of Equivalent Tenements with Toilet Use - Estimated Daily Demand per ET Average Aerial Evapotranspiration (daily)	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	m ³ m ³ m ³ m ² m ² m ² ET L Forest 5.65 4.82	5.6 4.8 4.0
6.3 7.0 7.1 7.2 7.3 7.4 7.5 7.6 8.0 8.1 8.2 8.3 8.4 9.0 9.1 9.2	Wetland Storage - Volume to Macrophyte Bed Depth - Volume of Deep Zone - Maximum Storage - Initial Storage - Total Surface Area - Surface Area of Deep Zone Rainwater Tank and Internal Reuse - Maximum Rainwater Tank Volume - Initial Rainwater Tank Volume - Surface Area of Deep Zone Rainwater Tank and Internal Reuse - Maximum Rainwater Tank Volume - Initial Rainwater Tank Volume - Sumber of Equivalent Tenements with Toilet Use - Estimated Daily Demand per ET Average Aerial Evapotranspiration (daily)	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	m ³ m ³ m ³ m ² m ² m ² L ET L Forest 5.65 4.82 4.03	5.6 4.8 4.0 3.3
6.3 7.0 7.1 7.2 7.3 7.4 7.5 7.6 8.0 8.1 8.2 8.3 8.4 9.0 9.0 9.0 9.3 9.4 9.5 9.6	Wetland Storage - Volume to Macrophyte Bed Depth - Volume of Deep Zone - Maximum Storage - Initial Storage - Total Surface Area - Surface Area of Deep Zone Rainwater Tank and Internal Reuse - Maximum Rainwater Tank Volume - Initial Rainwater Tank Volume - Number of Equivalent Tenements with Toilet Use - Estimated Daily Demand per ET Average Aerial Evapotranspiration (daily)	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	m ³ m ³ m ³ m ² m ² m ² ET L L Forest 5.65 4.82 4.03 2.83	5.6 4.8 4.0 3.3 2.7
6.3 7.0 7.1 7.2 7.3 7.4 7.5 7.6 8.0 8.1 8.2 8.3 8.4 9.0 9.1 9.2 9.3 9.4 9.5 9.6 9.7	Wetland Storage - Volume to Macrophyte Bed Depth - Volume of Deep Zone - Maximum Storage - Initial Storage - Total Surface Area - Surface Area of Deep Zone Rainwater Tank and Internal Reuse - Maximum Rainwater Tank Volume - Initial Rainwater Tank Volume - Number of Equivalent Tenements with Toilet Use - Estimated Daily Demand per ET Average Aerial Evapotranspiration (daily) Gauge - March April June June	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	m ³ m ³ m ³ m ² m ² m ² L Forest 5.65 4.82 4.03 2.83 1.94 1.45 1.45	5.6 4.8 4.0 3.3 2.7 2.2 2.5
6.3 7.0 7.1 7.2 7.3 7.4 7.5 7.6 8.0 8.1 8.2 8.3 8.4 9.0 9.1 9.2 9.3 9.4 9.5 9.6 9.7 9.8	Wetland Storage - Volume to Macrophyte Bed Depth - Volume of Deep Zone - Maximum Storage - Initial Storage - Total Surface Area - Surface Area of Deep Zone Rainwater Tank and Internal Reuse - Maximum Rainwater Tank Volume - Initial Rainwater Tank Volume - Initial Rainwater Tank Volume - Surface Areid Daily Demand per ET Average Aerial Evapotranspiration (daily) February March April May June July	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	m ³ m ³ m ³ m ² m ² m ² ET L Forest 5.65 4.82 4.03 2.83 1.94 1.45 1.45 2	5.6 4.8 4.0 3.3 2.7 2.2 2.5 3.1
6.3 7.0 7.1 7.2 7.3 7.4 7.5 7.6 8.0 8.1 8.2 8.3 8.4 9.0 9.1 9.2 9.3 9.4 9.5 9.6 9.5 9.6 9.9	Wetland Storage - Volume to Macrophyte Bed Depth - Volume of Deep Zone - Maximum Storage - Initial Storage - Total Surface Area - Surface Area of Deep Zone Rainwater Tank and Internal Reuse - Maximum Rainwater Tank Volume - Initial Rainwater Tank Volume - Initial Rainwater Tank Volume - Surface Areid Daily Demand per ET Average Aerial Evapotranspiration (daily) Graduation - Maximum - Surface Areid Evapotranspiration (daily)	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	m ³ m ³ m ³ m ² m ² m ² ET L Forest 5.65 4.82 4.03 2.83 1.94 1.45 1.45 1.45 2.9	5.6 4.8 4.0 3.3 2.7 2.2 2.5 3.1 3.6
6.3 7.0 7.1 7.2 7.3 7.4 7.5 7.6 8.0 8.1 8.2 8.3 8.4 9.0 9.1 9.2 9.3 9.4 9.5 9.6 9.7 9.8	Wetland Storage - Volume to Macrophyte Bed Depth - Volume of Deep Zone - Maximum Storage - Initial Storage - Total Surface Area - Surface Area of Deep Zone Rainwater Tank and Internal Reuse - Maximum Rainwater Tank Volume - Initial Rainwater Tank Volume - Initial Rainwater Tank Volume - Surface Areid Daily Demand per ET Average Aerial Evapotranspiration (daily) January February March April June July August	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	m ³ m ³ m ³ m ² m ² m ² ET L Forest 5.65 4.82 4.03 2.83 1.94 1.45 1.45 2	5.6 4.8 4.0 3.3 2.7 2.2 2.5 3.1

Summary - Existing Condition Study Duration (years)	1			
Rainfall			Infiltration System (Inf Sys)	
- Rainfall Depth	5851.00	mm	- Flow from Rainwater Tanks	0
Rainfall Volumes	-	3	- Flow from Impervious Area (no tank)	0
- Impervious Area to Rainwater Tanks		m³	- Flow From Pervious Irrigated Area	0
- Impervious Area not to Rainwater Tanks	124304		- Flow From Pervious (non-Irrigated) Area	0
- Pervious Area to be Irrigated	115426		- Flow from Forested Area	0
- Pervious Area not to be Irrigated	115426		- Direct Rainfall	0
- Forested Area		m³ m³		
- Infiltration Area		m	- Total Flow to Inf Area	0
- Wetland Area	0		- Overflow to Wetland	0
- Total Area	355156	111	- Evaporation	0
Delassata z Tanala di shadasha wa			- Infiltration	0
Rainwater Tanks Hydrology		m³	- Change in Storage (averaged)	
- Flow to Tanks	33100		Balance	
- Domestic Water Required	33100		Watland System	
- Reuse Demand (<i>including irrigation</i>)		m³	Wetland System	153214
- Spillage to Infiltration Area		m ³	- Flow Bypassing Infiltration Area - Flow from Infiltration Area	155214
- Spillage to Outlet		m³	- Direct Rainfall	0
- Change in Storage		1		
Balance		m³	- Evaporation	-153214
No of times Domestic Water Required	344		- Overflow to Outlet	153214
Runoff Coefficient into Tank	#DIV/0!		- Change in Storage (averaged)	(
Runoff Coefficient from Tank	#DIV/0!		Balance	
Irrigated Area Hydrology		3	Total Outflow	45004
- Net Flow to Irrigation Area	19821		- Spillage from Wetland	153214
- Irrigation	33100			
- Infiltration	31860			
- Spillage to Infiltration Area		m³	Total Site Runoff Coefficient	0.43
- Spillage to Outlet	22284			
- Change in Storage	-1223	-		
Balance	0			
No of times Irrigation Required	344			
Runoff Coefficient	0.19			
Impervious Area not to Tank Hydrology	400750		200 mm	
- Net Flow from Impervious Area	109756	m ³		
- Spillage to Infiltration Area	109756			
- Spillage to Outlet				
Balance	0.00			
Runoff Coefficient	0.88	<u> </u>		
Forested Area Hydrology				
- Net Flow to Forested Area		i m³		
- Infiltration		l m ³		
- Spillage to Infiltration Area		m ³		
- Spillage to Outlet) m ³		
- Change in Storage) m³		
Balance	(
Runoff Coefficient	#DIV/0!			
	#010/01			
Pervious (<i>non-irrigated</i>) Area Hydrology				
- Net Flow to Pervious Area	51318	t m ³		
- Infiltration	31525			
- Spillage to Infiltration Area	61520) m ³		
- Spillage to Outlet	21175	 5 m ³		
- Change in Storage	-1381			
Balance	-130			
		-		
Runoff Coefficient	0.18	2		
1		1		1