APPENDIX B1 EXISTING CONDITIONS

ummary - Existing Conditions	SISECIO	1 0/		
Study Duration (years)	4			
			Infiltration System (Inf Sys)	
infall	1462.75	mm	- Flow from Rainwater Tanks	
ainfall Depth	1402.73		- Flow from Impervious Area (no tank)	(
infall Volumes		m³	- Flow From Pervious Irrigated Area	(
- Impervious Area to Rainwater Tanks	15732		- Flow From Pervious (non-Irrigated) Area	(
- Impervious Area not to Rainwater Tanks	10,02	m³	- Flow from Forested Area	(
- Pervious Area to be Irrigated	89147		- Direct Rainfall	(
- Pervious Area not to be Irrigated		m³		
- Forested Area		m ³	- Total Flow to Inf Area	
- Infiltration Area			- Overflow to Wetland	
- Wetland Area	104879		- Evaporation	
- Total Area			- Infiltration	
T. I. Hadrology			- Change in Storage (averaged)	
alnwater Tanks Hydrology		m³	Balance	
- Flow to Tanks		m ³		
Domestic Water Required Reuse Demand (including irrigation)) m³	Wetland System	
- Reuse Demand (including irrigation)		m³	- Flow Bypassing Infiltration Area	2904
- Spillage to Infiltration Area) m ³	- Flow from Infiltration Area	
- Spillage to Outlet) m³	- Direct Rainfall	
- Change in Storage) m²	- Evaporation	-2904
alance		2	- Overflow to Outlet	2904
lo of times Domestic Water Required	#DIV/0!	-	- Change in Storage (averaged)	
tunoff Coefficient into Tank	#DIV/0!		Balance	
Runoff Coefficient from Tank	#1010/0:	 		
	<u> </u>		Total Outflow	
rrigated Area Hydrology		0;m³	- Spillage from Wetland	2904
- Net Flow to Irrigation Area		0 m³		
- Irrigation		0 m³		
- Infiltration		0 m³	Total Site Runoff Coefficient	0.
- Spillage to Infiltration Area		0 m³		
- Spillage to Outlet		0 m ³		
- Change in Storage				
Balance	 	0		
No of times Irrigation Required	450 (40)	<u> </u>		
Runoff Coefficient	#DIV/0!			,
	<u> </u>			
Impervious Area not to Tank Hydrology	4204	91 m³		
- Net Flow from Impervious Area	136	0 m ₃		
- Spillage to Infiltration Area	420	91 m ³		
- Spittage to Outlet	138			
Balance	 	0		
Runoff Coefficient	- U.	88		
Forested Area Hydrology		0 m ³		<u> </u>
- Net Flow to Forested Area	<u> </u>	0 m		
- Infiltration	 	0 m ³		
- Spillage to Infiltration Area				
- Spillage to Outlet	<u> </u>	0 m		
- Change in Storage		0 m³		+
Balance	ļ	0		+
Runoff Coefficient	#DIV/0	!		
				+
Pervious (non-irrigated) Area Hydrology		. l		Ţ
- Net Flow to Pervious Area		84 m³		 -
- Infiltration	24	500 m ³		
- Spillage to Infiltration Area	_ ;	0 m³		1
- Spillage to Outlet		151 m³		
- Change in Storage		067 m ³		
Balance		0		- -
Runoff Coefficient	- ().17		<u>:</u>
Kundi Godinasii				

	xisting Conditions (Sector 8)			
				İ.,
4.	General Catchment Data	Area	To Inf (%)	
	- Impervious Area to Rainwater Tanks	(m2)		<u>i </u>
1.	Impervious Area to Kainwater Tanks		0%	
1.4	- Impervious Area not to Rainwater Tanks	1075	5 0%	
1.3	- Pervious Area to be Irrigated		0 0%	
1.4	- Pervious Area not to be Irrigated	6094	5 0%	
	- Forested Area		0 0%	
7.6	- Infiltration system (inf)		0 -	·
1.7	- wetland (assumes all site drains to wetland)		0 -	 -
1.8	- Total Area	7170	0 0%	-
			- 0,0	
2.0	Interception			
2.1	- Proportion of Irrigated Pervious Area as Canopy	09	4	
2.2	- Proportion of No Irrigated Pervious Area as Canony	259		
2.3	- Proportion of Forested Area as Canopy	259		ļ
2.4	- Maximum Canopy Storage			
			5 mm	
3.0	Depression Storage			ĺ
3.1	- Impervious Depression Storage			ļ
32	- Pervious Depression Storage		mm	<u> </u>
3.2	- Forested Depression Storage		mm	
9.5	. s. saled Depression Sturage	<u> </u>	mm	
4 0	Forest Soil Moisture Storage	<u> </u>		
7.0	Maximum Storage			
4.1	Maximum Storage Initial Moisture Storage		mm	L
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		mm	
5.3	- Storage Before Infiltration Occurs		lmm	
5.4	- Deep Infiltration Rate		mm/day	
5.5	- Storage Before Watering		mm	
5.6	- Water Until Storage Reaches		mm	
	30 110201108111		TITLE TO THE TOTAL THE TOTAL TO AL TO THE TO	
6.0	Infiltration System		· · · · · · · · · · · · · · · · · · ·	
	- Volume of Infiltration Storage	<u> </u>		
		0		
	- Initial Storage - Infiltration Rate	0	m ³	
0.3	- Inflitration Rate	0	mm/day	
	Wetland Storage			
7.1	- Volume to Macrophyte Bed Depth	0	m³	
7.2	- Volume of Deep Zone	0	m³	
	- Maximum Storage			
_	Initial Storage	0	m ³	
		0	m³	
	Total Surface Area	0	m²	
7.6	Surface Area of Deep Zone	0	m²	
	Rainwater Tank and Internal Reuse			
	Maximum Rainwater Tank Volume	0	m³	
	Initial Rainwater Tank Volume			
8.3	Number of Equivalent Tenements with Toilet Use	0	m ³	
8.4	Estimated Daily Demand per ET	0	ET	
	Countain Daily Demand per E1	0	L	
0 0	Versus Asrial Evenetres 1-11			
0.0 /	Average Aerial Evapotranspiration (daily)	Pervious	Forest	Wate
9.1	January:	5.65	5.65	5.65
9.2	February	4.82	4.82	4.82
9.3	March 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	2.72
9.7	July July	1.45	1.45	
9.8	August			2.54
9.9		2	2	3.11
8.10	September	2.9	2.9	3.69
8.11	October	4 19	4.19	4.51
B.12:	November_	5	5	5
	December	5.32	5.32	5.32